

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

30-DAY NOTICE OF INTENT TO DECOMMISSION USTS OR COMPLETE A CHANGE-IN-SERVICE

1. FAC	LITY (Locati	on of Tanks) (Please Print) 2. PERI	MITTEE (A	Please Print) .		
Name:	Interstate Dis	tributing Co.		Name:	Interstate 1	Distributing	Co./Ridden	· Road L	CLC
Address:	10110 SW Ri	dder Rd.		Address:		St. Ct. East			
	Wilsonville, O	OR 97070			Tacoma, V	WA 98442-1	1857		
Phone:				Phone:	253-905-8	439			
	eral Permit Operat	ing Certificate Nu	mber: 73						
Work To Be Performed By: (Permittee, Tank Owner, Property Owner or Licensed Service Provider) Bergeson-Boese & Assoc., Inc. dba BB&A I (Coervice Provider) License # 10974 (Service Provider)									
							_		
	THIS FORM	MUST BE SUBM	ITTED BY US	ST PERMITT	TEE 30 DAYS	BEFORE ST	TART OF WO	ORK	
,	YOU MUST CO	NTACT YOUR I						ANY	
		DECOMMISS							
		ial cleanup affect		ty or Right-of	-Way property	? Yes	No V		
Date deco	Date decommissioning is scheduled to begin: 6/3/24								
	PRODUCT: DIESEL, U OTE				CLOSURE OR CHANGE-IN- SERVICE? TANK TREPLA				TO BE ACED?
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE+	CHANGE IN SERVICE+	YES*	NO
ſ	EECA	20.000	Diesel		V				V
2	EECB	20,000	Diesel		V				V
3	EECC	6,000	Gasoline		V				V
4	EECD	4,000	Motor Oil		~				V
 If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a General Permit Registration Form to Install and Operate USTs for the new tanks 30 days before installing them. Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if (1) tank is to be decommissioned in-place, (2) tank contents are changed to an unregulated substance or (3) tank contains a regulated substance other than petroleum. 									
Permittee	0.0	y Mc S	Print) Car			Date: 2	/12/20.	24	



OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report <u>MUST</u> be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.

DEQ FACILITY NUMBER: UST ID #7506	
FACILITY NAME: Interstate Distributor	
FACILITY ADDRESS: 10110 SW Ridder Road, Wilso	onville, OR 97070
PERMITTEE PHONE: 253-905-8439	DATE: 7/8/2024

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements).

DEQ Service Provider's License #: 10974	Construction Contractors Board Lice	ense #: 76509
Name:	Bergeson-Boese & Associates, Inc	
Telephone:	541-484-9484	
DEQ Decommissioning Supervisor's License #:	27501	
	Matthew Luczak	
Telephone:	541-484-9484	
DEQ Soil Matrix Service Provider's License #:	NA	(If applicable)
Name:		
Telephone:		
DEQ Soil Matrix Supervisor's License #:	NA	(If applicable)
Name:		
Telephone:		

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C. DATES:

Decommissioning/Change-in-Se	ervice Notice - Da	eate Submitted: 2/13/202	(30 days befo	re work starts).		
Work Start Telephone Notice - 1	Number issued by	y DEQ: <mark>03-3D-24-019</mark>	(3 working days befo	ore work starts).		
DEQ Person Notified: Dave P	'ardue					
Date Work Started: <u>6/8/2024</u>	Date	e Work Completed: 6/1	9/2024			
Note: Provide the following information if any soil or water contamination is found during the decommissioning or change-inservice. Contamination must be reported by the UST permittee within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.						
Date Contamination Reported:	6/28/2024	By: Matthew Luczak				
DEQ Person Notified: Your D	DEQ Online					

D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.

DEQ Water Discharge Permit #: NA	Date	e:			
Water Disposed to (Location):					_
DEQ Solid Waste Disposal Permit #:		Date:			
Soil Disposal or Treatment Location:	Waste Managem	nent Hil	llsboro Land	fill	

E. TANK INFORMATION:

	. TAILE IN ORMATION.									
				GASOLINE, JSED OIL, IER?	CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?		
TANK ID#	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES	NO	
1	EECA	20,000	Diesel		✓				✓	
2	EECB	20,000	Diesel		✓				✓	
3	EECC	6,000	Gasoline		✓				✓	
4	EECD	4,000	Motor Oil		✓				✓	

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

F. DISPOSAL INFORMATION:

	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS		
TANK ID#	SCRAP	LAND- FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES	
1		✓		Republic Services (landfill)	Oil Re-Refining (ORRCO)	ORRCO	
2		\		Republic Services (landfill)	ORRCO	ORRCO	
3		✓		Republic Services (landfill)	ORRCO	ORRCO	
4		✓		Republic Services (landfill)	ORRCO	ORRCO	
				110 NW Walnut, Corvallis, OR	4150 N Suttle Road	Portland, OR 97217	

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

G. CONTAMINATION INFORMATION:

TANK ID#	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
1		✓	✓	3	Apex Laboratories, Tigard, OR, 503-718-2323
2		✓	✓	3	Apex Laboratories, Tigard, OR, 503-718-2323
3				2	Apex Laboratories, Tigard, OR, 503-718-2323
4				2	Apex Laboratories, Tigard, OR 503-718-2323

NOTE 1: Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QC information. Include laboratory name, address and copies of chain-of-custody forms.

NOTE 2: If contamination is detected, DEQ requires you notify both the UST Program and Clean Up Program within 24 hours of observed contamination and/or analytical results. You must submit a **20 Day Report Form for UST Cleanup Projects** to the Cleanup Program and attach a copy of the form to this checklist.

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H. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispensers, & all USTs. Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)
See Attached Narrative

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I. SAFETY EQUIPMENT ON JOB SITE:

Combustible Gas Detector: Model: RKI Instruments GX-2012 Calibration Date: 6/8/2024 Oxygen Analyzer: Model: Calibration Date: Calibration Date:	Fire Extinguisher:	Type/Size: ABC 20#	Recharge Date:	
Oxygen Analyzer: Model: Calibration Date:	Combustible Gas Detector:	Model: RKI Instruments GX-2012	Calibration Date:	6/8/2024
	Oxygen Analyzer:	Model:	Calibration Date:	

J. DECOMMISSIONING:

All Tanks: $N/A = Not Applicable (Check (\sqrt{\ }) Appropriate Box)$	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	\checkmark			
2. Safety equipment on job site?	\checkmark			
3. Overhead electrical lines located?	✓			
4. Subsurface electrical lines off or disconnected?	✓			
5. Natural gas lines off or disconnected?				✓
6. No open fires or smoking material in area?	✓			
7. Vehicle and pedestrian traffic controlled?	✓			
8. Excavation material area cleared?	✓			
9. Rainwater runoff directed to treatment area?				✓
10. Drained and collected product from lines?	✓			
11. Removed product and residual from tank?	✓			
12. Cleaned tank?	✓			
13. Excavated to top of tank?	✓			
14. Removed tank fixtures? (pumps, leak detection equipment)	✓			
15. Removed product, fill and vent lines?	✓			

K. TANK ABANDONMENT IN-PLACE:

All Tanks: N/A = Not Applicable (Check ($$) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ?				
Date:DEQ Staff:				
17. Contamination concerns fully resolved?				
18. Fill Material? Type:				

L. TANK REMOVAL:

L. TANK KEMUVAL:				
All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?				V
20. Purged or ventilated tank to prevent explosion?				
Method used: Air compressor / eductor	V			
Meter reading: <5% LEL				
21. Were chains or steel cables wrapped around tank for removal?		V		
22. Tank removed, set on ground, blocked to prevent movement?				V
23. Tank set on truck and secured with straps(s)?				~
24. Tank labeled before leaving site?				V
M. SITE ASSESSMENT:				
All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	V			
26. Soil samples taken and analyzed?	V			
27. Was contamination found? Date/Time: 6/28/2024	V			
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?	V			
N. REQUIRED SIGNATURES:				
I have personally reviewed this decommissioning checklist and site at them to be true and complete.	assessment i	report and th	ie attachments	and find
Permittee or Tank Owner: Rodney McLean				
(Plage Print)	0 11.	1 1		
Permittee or Tank Owner: Roding M - Sean pur (Signature)	•			
I have personally reviewed this decommissioning checklist and site them to be true and complete.	assessment i	report and th	ie attachments	and find
Licensed Supervisor: Matthew Luczak				
(Please Print)				
Matthe June		Date:	7/8/2024	
Licensed Supervisor: (Signature)		Date	77	
I have personally reviewed this decommissioning checklist and site them to be true and complete.	assessment	report and tl	ne attachment	s and find
Executive Officer: Randall J. Boese				
Licensed Service Provider (se Print)				
1 Landstoffin		7	7/8/2024	
Executive Officer: Licensed Service Provider (Signature)		Date: _/	1012027	
1 icensed Service Provider (Signature)				

O. REPORT FILING:

This report signed by the permittee or tank owner, licensed supervisor and executive officer of the Service Provider, complete with all applicable attachments, must be filed with the DEQ regional office within 30 days after the excavation is backfilled or change-in-service is complete. **Do not wait until any site related cleanup project is completed.** Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets of contamination, etc.).

P. HELP WITH THIS REPORT:

If you have any questions about this decommissioning checklist and site assessment report, please phone your DEQ Regional Office. You can also phone the UST Program's toll-free number, 1-800-742-7878. This is a message answering machine for calls made within Oregon. Underground Storage Tank Program staff will return your calls within 24 hours. You can also send an e-mail to tanks.info@deq.oregon.gov. Our regional staff are also available to answer questions regarding tank decommissioning or change-in-service requirements (see below for telephone numbers).

Q. COPIES OF THE GENERAL PERMIT TO DECOMMISSION OR COMPLETE A CHANGE-IN-SERVICE:

Obtain copies of the general permit to decommission or complete a change-in-service conditions and requirements, UST Program rules and laws and UST Cleanup rules and laws at:

- 1. Any of the DEQ offices listed below,
- 2. By calling the UST HELPLINE at 1-800-742-7878,
- 3. Send an e-mail to tanks.info@deq.oregon.gov or
- 4. Downloading from the UST home page at:

https://www.oregon.gov/deq/tanks/Pages/UST-Forms.aspx

NORTHWEST REGION 700 NE MULTNOMAH ST. PORTLAND, OR 97232 Phone:

503-229-5263 Fax: 503-229-6945 WESTERN REGION / EUGENE 165 EAST 7TH AVE., SUITE 100

EUGENE, OR 97401 Phone: 541-686-7838 Fax: 541-686-7551 WESTERN REGION / MEDFORD 221 STEWART AVE., SUITE 201

MEDFORD, OR 97501 Phone: 541-776-6010 Fax: 541-776-6262

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\$UGENE 32986 Roberts Court, Coburg, OR 97408 P.O. Box 40187, Eugene, OR 97404 (541) 484-9484

> PORTLAND 25195 SW Parkway Ave., Suite 207 Wilsonville, OR 97070 (503) 570-9484

July 8, 2024

Dave Pardue
Department of Environmental Quality
Underground Storage Tank Program
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100

RE: UST Decommissioning (by Removal) Soil Sampling

Request for Administrative Closure Interstate Distributor / Ridder Road LLC 10110 SW Ridder Road, OR USTC 03-97-0739 (Closed) / 03-07-0289 (Closed) UST Facility ID 7506

Dear Mr. Pardue:

On behalf of the Ridder Road LLC, BB&A Environmental (BB&A) is submitting this letter report documenting decommissioning by removal four (4) underground storage tanks (USTs), and petroleum-contaminated soil that was discovered at the former Interstate Distributor facility located at 10110 SW Ridder Road, in Wilsonville, Oregon.

1.0 SITE DESCRIPTION

1.1 Location and Legal Description

The subject property is identified as the Former Interstate Distributing Co (currently Sunbelt Rental) located at 10110 SW Ridder Road, in Wilsonville, Oregon (see **Figures 1, 2,** and **3, Appendix A**). Clackamas County identifies the subject property as tax lots 2400, 2500, 2700 of Map 31W11. The subject property is approximately 30.92 acres in size.

1.2 Subject Property Description

The *subject property* formerly operated as a trucking distribution, administration, and maintenance facility. The *subject property* is developed with a maintenance building, adjoining administrative offices, and surrounding asphalt parking areas. The *subject property* formerly operated two (2) 20,000 gallon diesel underground storage tanks (USTs), one (1) 4,000 gallon motor oil UST, and one (1) 6,000 gallon gasoline UST. The USTs were located directed south of the dispenser islands on the east side of the maintenance building. The eight (8) fuel dispensers were located on four (4) dispenser islands. Three (3) of the fuel islands were covered by a canopy.

1.3 USTs Out of Service Procedures

In 2020, the four (4) USTs at the *subject property* were administratively taken out of service, and at that time, all four (4) USTs were pumped and rinsed of available product using a pump truck by Oil Re-Refining (ORRCO).

2.0 HYDROGEOLOGIC SETTING

2.1 Physical Setting

The *subject property* and surrounding area lie within the northern Willamette Valley physiographic division of Oregon. The *subject property* and surrounding area are level, although regional topography dips gently to the southwest. The elevation of the *subject property* is approximately 217 feet above mean sea level¹.

2.2 Local and Regional Geologic and Hydrogeologic Conditions

According to the U.S. Geological Survey Water-Supply Paper 1967, titled *Geology and Geologic Hazards of Northwestern Clackamas County, Oregon*, the *subject property* and adjacent/nearby properties appear to be underlain by Quaternary Lacustrine Sediments (Qws), known as the *Willamette Silt Formation*, composed of fine sandy silt and clay.

According to a soil survey compiled by the U.S. Department of Agriculture's Natural Resource Conservation Service (USCS), the dominant soils underlying the *subject property* and surrounding area are identified as the Salem silt loam and the Salem gravelly silt loam. According to survey information, these soils are formed on stream terraces and are well-drained. Soil profiles under this soil classification are typified by the upper silt loam layer from the surface to eight (8) inches BLS, gravelly clay loam to 24 inches BLS, and very gravelly loamy sand to a depth of 60 inches.

Based on historical onsite borings completed onsite in 2020, local stratigraphy appears to consist of a gravelly silt from near surface to a depth of approximately fifteen (15) below land surface (BLS), beneath which lies a dense red clay. Groundwater was encountered at a depth of approximately 30 to 35 feet BLS (15 to 20 feet below the UST cavity) under semi-confined conditions in former push probe P8 (April 2020), located adjacent to the east side of the former UST cavity. Groundwater was not encountered in former push probe P10 installed at southwest corner of the UST cavity to a depth of 30 feet BLS.

A review of drillers logs on file with the Oregon Department of Water Resources (WRD) indicated that the shallow groundwater encountered at the site may be artificially created by the tank cavity for the USTs which holds water due to low permeability soils. The review focused on wells from 20 to 35 feet deep and 0.2 to 0.75 miles from the *subject property*. Drillers logs from 26120 SW Parkway Ave, Wilsonville, OR located 0.7 miles east (CLAC18289) of the site did not encounter groundwater in wells installed to a depth of 35 feet. At 9565 SW Ridder Rd (0.2 miles east), drillers logs (CLAC74290) show no groundwater down to a depth of 25 feet.

Google Earth® Elevation Datum, dated May 8, 2019.

3.0 UST DECOMMISSIONING

3.1 Utility Locates

Prior to initiating excavation activities, a utility locate request was generated using the Oregon 811 Utility Notification Center. In addition, a private utility locate was conducted by APS Locating Inc. All utilities within the excavation area were identified. Lastly, an electrician disconnected all electrical wiring from the electrical panel to the fuel dispenser pumps and the four (4) USTs.

3.2 Fuel Dispenser Removal and Product Line Flushing

On June 3, 2024, the fuel dispensers were removed for offsite metal recycling. Jammie's Environmental Inc. was onsite to vacuum extract any residual fuel within the product lines and four (4) USTs. At this same time, the product lines were flushed with water, and all available rinse water and product was vacuum extracted from the product lines. The four (4) USTs were rinsed and all available fluids were vacuum extracted from the USTs (Note that the USTs had previously been pumped and rinsed using a pump truck in 2020). The product and rinse water (265 gallons total) were ultimately recycled at Oil Re-Refining (ORRCO) in Portland, Oregon.

3.3 Soil Sampling – Product Line and Fuel Dispensers

On June 3, 2024, the concrete over the product lines and USTs was cut, and removed for offsite recycling. On June 4, 2024, the product lines between the fuel dispensers were removed, and soil samples were collected from native soil beneath the fuel dispensers and product lines north of the UST cavity. It should be noted, that soil samples were not collected beneath the dispensers on fuel island number two (2), due to pea gravel extending to a depth of 8.5 feet below land surface (BLS). The soil samples beneath these fuel dispensers were collected on June 10, 2024, using a trackmounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment. Soil cores from each boring were collected using hollow, stainless steel core barrels approximately 60 inches in length and 3.25 inches in diameter. Additional core barrels are added as the probe is advanced. Subsurface soil samples were retrieved within 60-inch long clear plastic tubes, 2.625 inches in diameter, inserted within the lead core barrel.

To collect soil samples beneath the north and south fuel dispensers of fuel island #2, direct push probes DP-1 and DP-2 were advanced to a depth of 10 feet below land surface (BLS). Each of these probes were found to contain pea gravel to a depth of 8.5 feet, beneath which a silty clay was encountered. No obvious evidence of soil contamination was noted in soil beneath the fuel dispensers and product lines. Soil samples were collected from these direct push probes at the uppermost native soil encountered at 8.5 feet BLS (I2-DN-8.5' and I2-DS-8.5').

All soil samples were collected by EPA Method 5035A, using new Terra Core® samplers and laboratory-prepared 40 milliliter (ml) glass VOA vials with appropriate methanol preservative; plus collection of a laboratory-supplied four (4) ounce glass container. Each four (4) ounce soil sample container was filled to maximize volume and minimize headspace. New Terra Core® samplers were used for each sample (i.e., no Terra Core® samplers were re-used). The samples were collected using clean nitrile gloves. Each clean four (4) ounce glass jar was sealed with threaded, teflon-lined caps. The jars were filled such that remaining headspace volume was minimized. The sample jars were uniquely labeled, logged on a chain-of-custody document, and placed on ice in an insulated portable cooler. All soil samples were delivered to Apex Laboratories in Tigard, Oregon, for laboratory analysis of Total Petroleum Identification (TPH) by Method NWTPH-HCID.

Dispenser / Product Line Soil Analytical Results: Gasoline- and oil-range TPH were not detected in any of the soil samples from below the dispensers and product lines. Of the 14 soil samples collected, five (5) were found to contain diesel-range TPH at concentrations ranging from 57.4 to 966 milligrams per kilogram (mg/kg), or parts per million (ppm).

3.4 Excavating Operations and Periodic Monitoring of Soil

During excavation of soil above the four (4) USTs, excavated soil was periodically monitored using an Organic Vapor Meter with Photoionization Detector (OVM-PID). During the periodic monitoring, a pocket of soil contamination was noted between the two (2) 20,000-gallon USTs, in the vicinity of a former catch basin, and an unknown metal structure that had been covered by a steel plate. This soil was placed on, and covered with visqueen plastic sheeting. Based on field measurements, the extent of this small area of petroleum-contaminated soil appeared to be approximately eight (8) feet north-south by four (4) feet east-west, and to a depth of approximately six (6) feet below land surface (BLS).

Two (2) composite soil samples were collected from the segregated contaminated soil. Laboratory analysis of the two (2) composite soil samples detected oil-range TPH at a concentration of 43.4 ppm, gasoline-range TPH at 35 ppm, ethylbenzene at 0.0522 ppm, and xylenes at 0.49 ppm. A soil disposal permit was obtained from Waste Management, and the approximately 13.57 tons of contaminated soil was disposed of at the Waste Management Hillsboro Landfill. The complete laboratory report is provided in **Attachment B**, and the soil disposal receipt is provided in **Attachment C**.

3.5 UST Inerting and Removal

Prior to removal, the USTs were inerted by ventilation using an air compressor and eductor apparatus. Prior to removal, the interior of the USTs were inspected (using a flashlight and/or taking interior photographs) to confirm that the interior was clean and absent of residual fuel. Upon confirming that the tank atmosphere was safe for removal, that is, less than five (5) percent of the lower explosive limit (LEL), the four (4) USTs were removed in large pieces, and then placed into a 40-yard drop box, crushed, and hauled off for disposal as solid waste by Republic Services.

3.6 Soil Sampling – Beneath Former USTs

Upon removal of the USTs, soil samples were collected from native soil beneath the north and south ends of the 4,000-gallon motor oil UST, and 6,000-gallon gasoline UST using the bucket of the excavator. Similarly, soil samples were collected from native soil beneath the middle and south end of the eastern 20,000-gallon diesel UST using the excavator bucket. However, due to the volume of pea gravel and depth of the UST cavity, the north soil sample beneath the eastern 20,000-gallon UST, and all three (3) soil samples beneath the western 20,000-gallon diesel UST were collected after backfill using a using a track-mounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment.

The 4,000-gallon motor oil UST, and 6,000-gallon gasoline UST were identified as being eight (8) feet in diameter, with a two (1) foot burial, and one (1) foot of base pea gravel beneath the USTs. Soil samples collected beneath the 4,000-gallon motor oil UST and 6,000-gallon gasoline UST were collected from native soil at a depth of approximately 11 feet BLS, and were labeled 4K-N-11', 4K-S-11', 6K-N-11', and 6K-S-11'.

The two (2) 20,000-gallon diesel USTs were identified as being 10 feet in diameter, having approximately two (2) to three (3) foot burial, and a base of at least one (1) foot of pea gravel. Soil samples collected beneath the two (2) 20,000-gallon USTs were labeled E20K-N-13.5'-14', E20K-M-15', E20K-S-13.5', W20K-N-13.5'-14', W20K-M-13.5'-14', and W20K-S-13.5'-14'.

The soil analytical results for all soil samples are provided in **Table 1**. The complete laboratory report is provided in **Attachment B**.

Table 1: UST Decommissioning Soil Analytical Result

All concentrations in parts per million (ppm) or milligrams per Kilogram (mg/Kg). Where shaded not analyzed. **ND** (<0.2): Indicates not detected above method-reporting limit identified in parentheses P Line: Product Line DP: Direct-Push Probe (DP1 through DP7)

	Total Pe	etroleum Hydrocarbo	ns (TPH)		Petroleum R	≀ela
SOIL SAMPLE IDENTIFICATION (Depth)	Gasoline-Range TPH	Diesel-Range TPH	Oil-Range TPH	Benzene	Toluene	
		Confirm	nation Soil Sample	es – UST Decommis	ssioning (2024)	
I1-DN-2.5' (Island #1 - N Dispenser)	ND<23.3	ND<58.1	ND<116			
DP1 / I2-DN-8.5' (Island #2 - N Dispenser)	ND<25.5	ND<63.6	ND<127			
DP2 / I2-DS-8.5' (Island #2 - S Dispenser)	ND<23.3	274	ND<42			
I3-DN-3' (Island #2 - N Dispenser)	ND<23.5	695	ND<43.9			
I3-DS-3' (Island #3 - S Dispenser)	ND<23.7	ND<59.3	ND<119			
I4-DN-2' (Island #4 - N Dispenser)	ND<24.7	134	ND<46			
I4-DM-2' (Island #4 - Mid Dispenser)	ND<22.1	ND<55.3	ND<111			
I4-DS-2' (Island #4 - S Dispenser)	ND<24.6	ND<61.6	ND<123			
PL-1/2-2.5' (P line between Islands 1&2)	ND<22.5	ND<56.3	ND<113			
PL-2/3-3' (P line between Islands 2&3)	ND<22.8	57.4	ND<43.5			
PL-3/4M-2' (PL between Islands 3&4)	ND<25.1	966	ND<45.6			
PL-3/4N-2' (PL between Islands 3&4)	ND<23	ND<57.4	ND<115			
E Elbow PL-2' (Elbow E of S Disp #3)	ND<21.9	ND<54.8	ND<110			
DP3 / PL Trench-3' (PL trench NE)	ND<23.3	ND<53.3	ND<117			
E20K-N-13.5'-14' (E 20K UST)	ND<24.2	ND<60.6	ND<121			
E20K-M-15' (E 20K UST)	ND<23.5	ND<58.8	ND<118			
E20K-S-13.5'-14' (E 20K UST)	ND<23.7	4,050	ND<118	ND<0.0117	ND<0.0586	L
W20K-N-13.5'-14' (W 20K UST)	ND<23.8	ND<59.4	ND<119			
W20K-M-13.5'-14' (W 20K UST)	ND<23	ND<57.6	ND<115			
W20K-S-13.5'-14' (W 20K UST)	ND<23.5	409	ND<43.8			
4K-N-11' (4K Oil UST)	ND<25.3	ND<63.3	ND<127			
4K-S-11' (4K Oil UST)	ND<26.2	ND<65.4	ND<131			
6K-N-11' (6K Gas UST)	ND<26.9	ND<67.2	ND<134			
6K-S-11' (6K Gas UST)	ND<24.6	ND<61.4	ND<123			
COMP1 (Composite Sample)	ND<5.69	ND<54.1	43.4	ND<0.0114	ND<0.0569	L
COMP2 (Composite Sample)	35.0	ND<19.3	ND<38.6	ND<0.0103	ND<0.0517	$\underline{\mathbb{L}}$
Soil Ingestion, Occupational	al 20,000 14,000 Site Specific		37	88,000		
Dermal Contact, and Inhalation Construction Worker	9,700	4,600	Site Specific	380	28,000	
Excavation Worker	>Max	>Max	Site Specific	11,000	770,000	
Occupational Volatilization to Outdoor Air	69,000	>Max	Site Specific	50	>Csat	L
Occupational Leaching to Groundwater	130	>Max	Site Specific	0.10	490	<u>L</u>

•		
>		

ted VOCs		Polyaromatic Hydi	rocarbons (PAHs)
Ethylbenzene	Xylenes	Pyrene	All Others
ND -0.0000	0.400	2 222	NID
ND<0.0293	0.103	0.298	ND
ND<0.0284	ND<0.0853		
0.0522	0.490		
150	25,000	23,000	Various
1,700	20,000	7,500	Various
49,000	560,000	210,000	Various
160	>Csat	>Max	Various
0.90	100	>Csat	Varioius

3.7 Push-Probe Soil Sampling

Due to the volume of pea gravel and depth of the UST cavity, the north soil sample beneath the eastern 20,000-gallon UST, and all three (3) soil samples beneath the western 20,000-gallon diesel UST were collected after backfill using a using a track-mounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment. These soil samples were collected on June 10, 2024, using a track-mounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment.

To collect the soil samples beneath the 20,000-gallon diesel USTs, direct-push probes DP-4 through DP-7 were advanced to depths of 18 to 20 feet BLS. Groundwater was not encountered in any of the push probes. Each of these probes were found to contain pea gravel to a depth of approximately 13 to 13.5 feet BLS, beneath which a silty clay was encountered. No obvious evidence of soil contamination was noted in soil beneath the northern half of the two (2) 20,000-gallon USTs; however, a thin band of grey-stained contaminated soil (less than four [4] inches in vertical thickness) was noted beneath the southern end of each UST. Soil samples were collected from these direct-push probes at the uppermost native soil encountered at 13.5 to 14 feet BLS (W20K-N-13.5-14', W20K-M-13.5-14', W20K-S-13.5-14' and E20K-N-13.5'-14'). The sample depths and observations were more accurate than sampling procedures using the excavation bucket.

All soil samples were collected by EPA Method 5035A, using new Terra Core® samplers and laboratory-prepared 40 ml glass VOA vials with appropriate methanol preservative; plus collection of a laboratory-supplied four (4) ounce glass container. Each four (4) ounce soil sample container was filled to maximize volume and minimize headspace. New Terra Core® samplers were used for each sample (i.e., no Terra Core® samplers were re-used). The samples were collected using clean nitrile gloves. Each clean four (4) ounce glass jar was sealed with threaded, teflon-lined caps. The jars were filled such that remaining headspace volume was minimized. The sample jars were uniquely labeled, logged on a chain-of-custody document, and placed on ice in an insulated portable cooler. All soil samples were delivered to Apex Laboratories in Tigard, Oregon, for laboratory analysis of Total Petroleum Identification (TPH) by Method NWTPH-HCID.

UST Confirmation Soil Sampling Analytical Results: Gasoline-, diesel-, and oil-range TPH were not detected in confirmation soil samples beneath the 4,000-gallon motor oil UST, nor beneath the 6,000-gallon gasoline UST. In addition, gasoline-, diesel-, and oil-range TPH were not detected beneath the northern half of the two (2) 20,000-gallon diesel USTs. Further, gasoline- and oil-range TPH were not detected beneath the southern half of these USTs. However, beneath the southern end of the 20,000-gallon USTs, diesel-range TPH was detected at 409 ppm beneath the western 20,000-gallon UST, and at 4,050 ppm beneath the eastern 20,000-gallon UST. Soil sample E20K-S-13.5-14' was additionally analyzed for benzene, toluene, ethylbenzene, and xylenes, per EPA Method 8260B, and polyaromatic hydrocarbons (PAHs) per EPA Method 8270SIM.

3.8 Risk-Based Contaminant Concentration Comparison

Included in **Table 1** are reasonably applicable Risk-Based Concentrations (RBCs) developed for the *subject property*. The *subject property* operates as an equipment rental facility, and all adjacent properties are of non-residential use, including Bonneville Power electrical substations to the east and northeast, a Republic Services waste and recycling transfer station to the north, a glass manufacturing facility to the east, and a large Amazon parking lot to the south. As such, reasonably applicable RBCs for the *subject property* include Occupational, Construction Worker, and Excavation Worker receptor scenarios. None of the detected contaminants exceed any applicable RBCs.

3.9 Backfill/Resurfacing

Upon completion of UST decommissioning and site assessment activities, the excavation area was backfilled with existing pea gravel, which was covered with erosion fabric, and then covered with imported three-quarter (3/4) inch minus gravel soil. At this time, the catch basins were replaced with a single heavy duty catch basin near the center of the excavation. The 3/4" gravel was compacted in one-half (0.5) to one (1) foot lifts, prior to paving with four (4) inches of asphalt.

3.10 Release Reporting

On June 28 2024, the release was reported to the DEQ via the DEQ's online reporting website. The DEQ has yet to issue a leaking underground storage tank (LUST) file number for the site.

4.0 HISTORICAL CONTAMINATION

In 2007, a spill of approximately 40 gallons of diesel fuel occurred at the subject site near the west end of the registered fuel dispenser island. A release was reported to the DEQ and the DEQ assigned the release as LUST file no. 03-07-0289. A total of approximately 61.88 tons of petroleum contaminated soil was excavated from the spill area and eventually transported off-site for disposal to Hillsboro Landfill for disposal. Residual diesel-range contamination left in place at the site beneath the footing for the canopy was detected at 1,830 ppm. The DEQ issued a no further action (NFA) determination for the site. The residual contamination is similar in magnitude to the contaminant concentrations detected beneath the southern end of the 20,000-gallon USTs. Based on the findings of push-probes advanced beneath and adjacent to the UST cavity, seasonal groundwater was found to occur at a depth of 30 to 35 feet BLS, approximately 15 to 20 feet below the depth of residual soil contamination at the bottom of the UST cavity.

Based on these findings, and the fact that detected contaminants were all well below applicable RBCs, BB&A recommend that an administrative NFA determination be issued for the site and most recent leaking underground storage tank (LUST) file.

Should you have any questions regarding this information, please do not hesitate to contact me at your convenience.

Sincerely,

BB&A Environmental



Stephen M. Omo, RG Project Manager

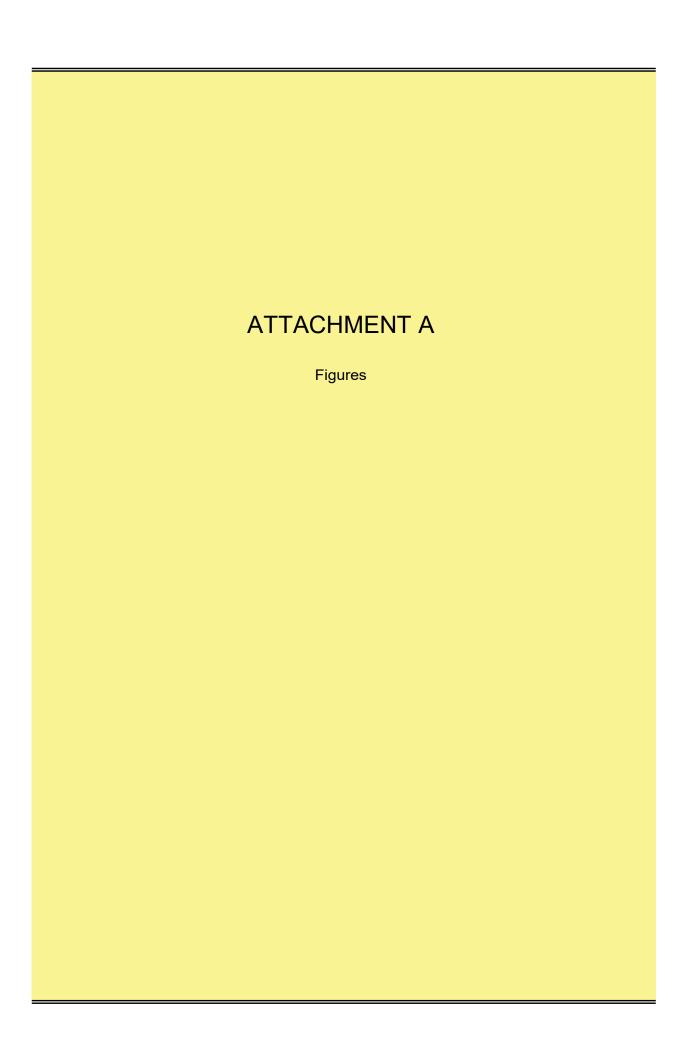
List of Attachments:

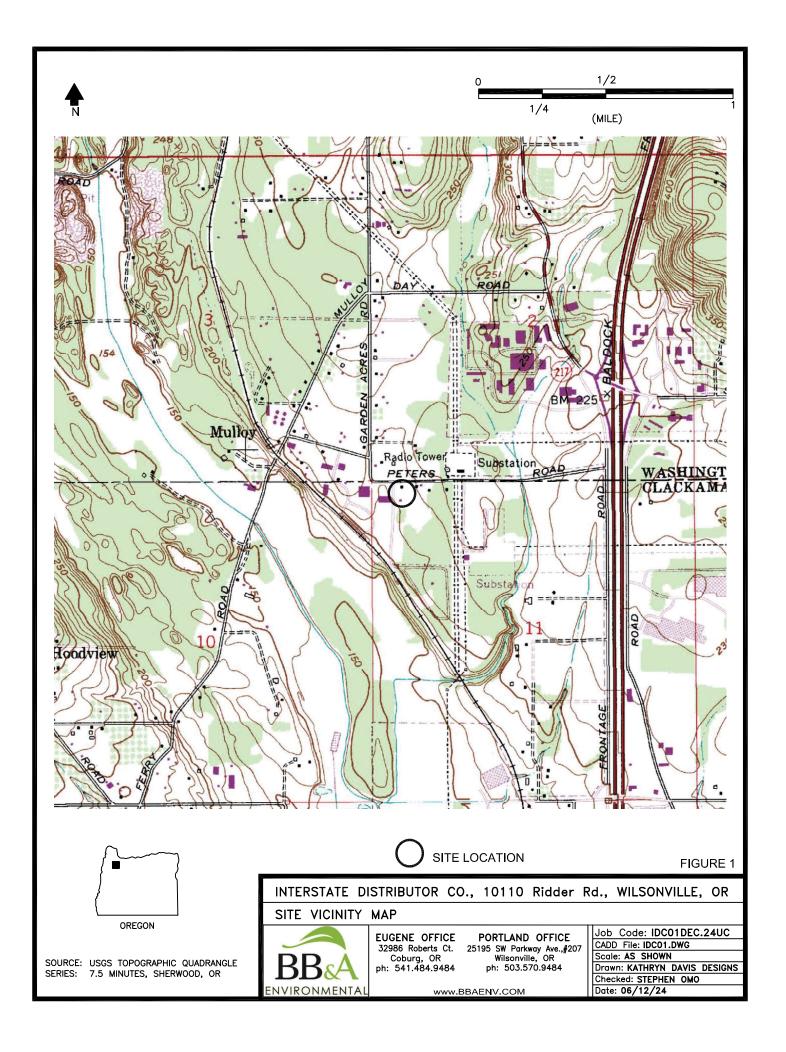
Attachment A: Figures

Attachment B: Laboratory Reports and Chain of Custody Documents

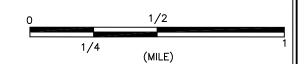
Attachment C: Push-Probe Logs

Attachment D: Soil and Fuel/Rinse Water Disposal Receipts













SITE LOCATION

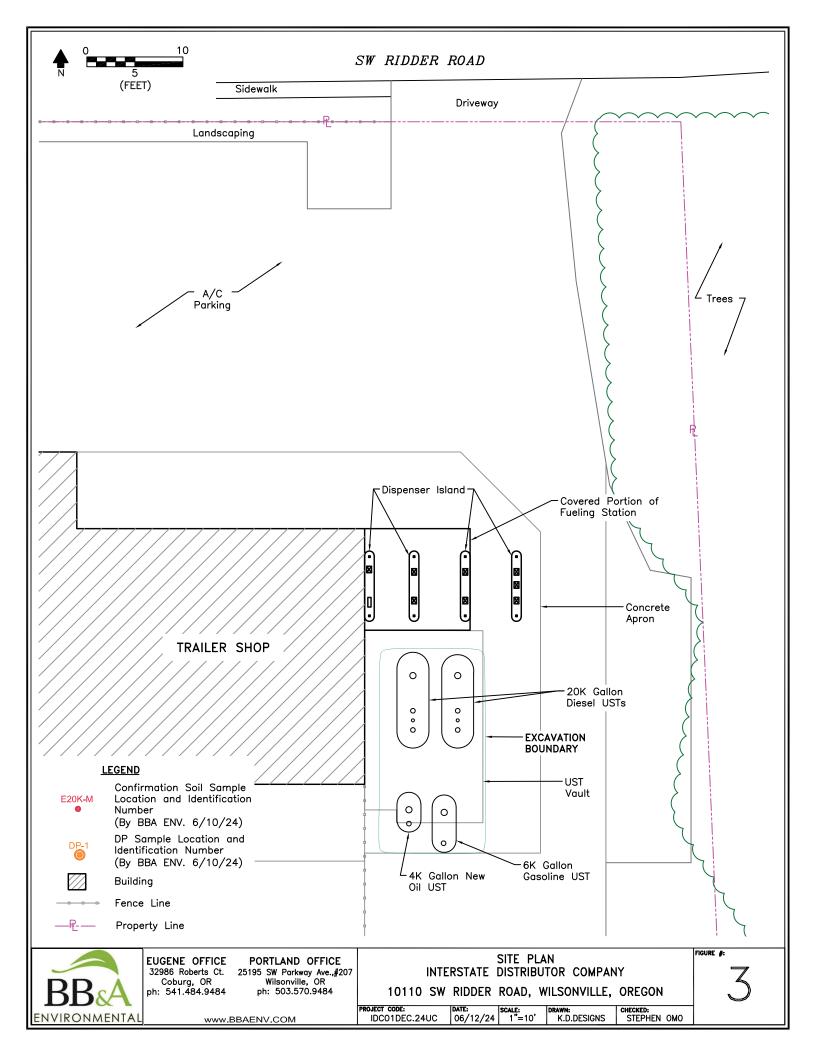


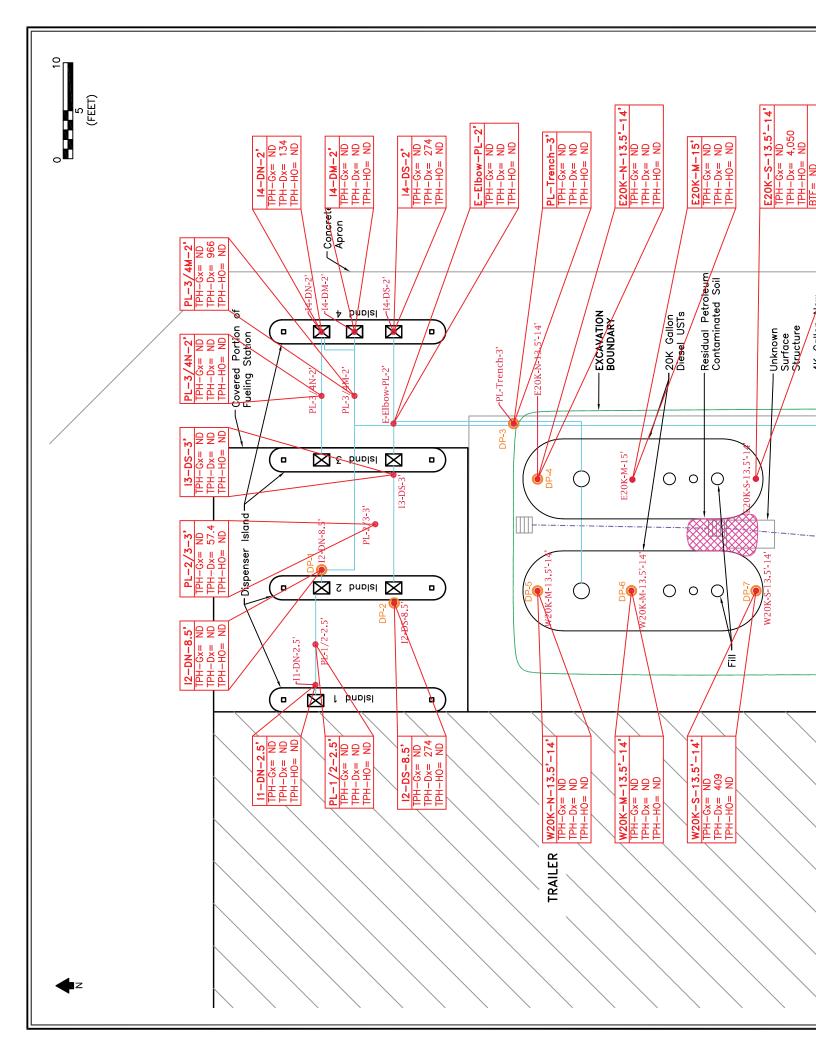
EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

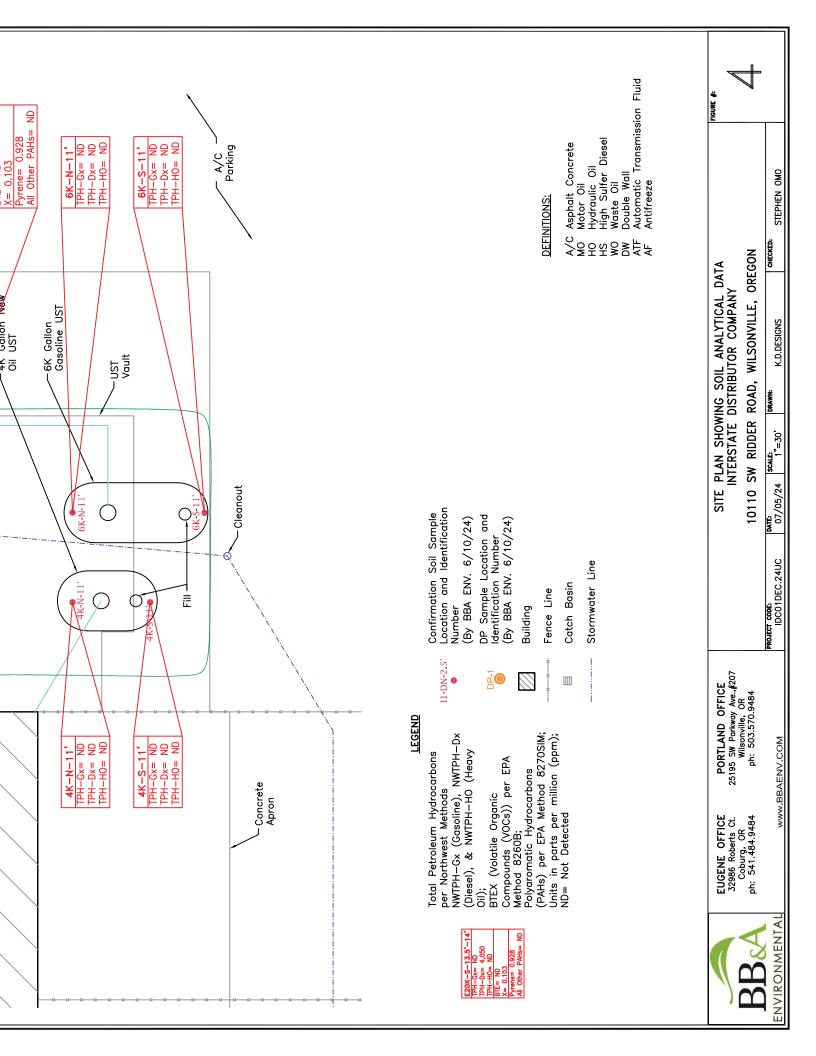
PORTLAND OFFICE
25195 SW Parkway Ave.,#207
Wilsonville, OR
ph: 503.570.9484

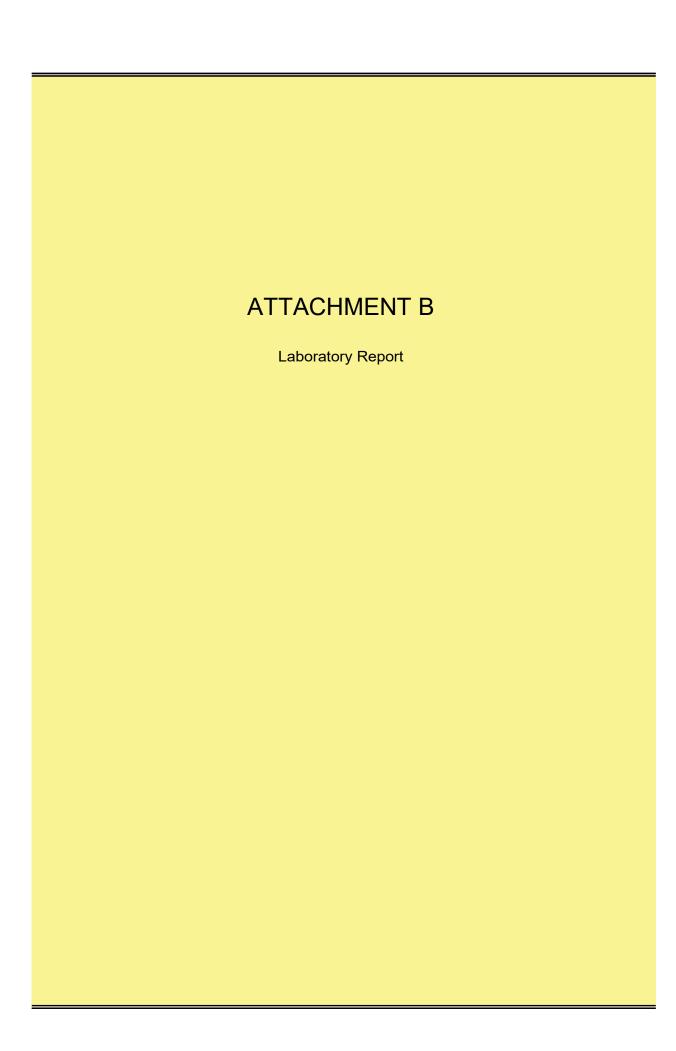
INTERSTATE DISTRIBUTOR COMPANY AERIAL PHOTOGRAPH 10110 RIDDER ROAD, WILSONVILLE, OREGON

PROJECT CODE: IDC01DEC.24UC DATE: SCALE: DRAWN: 07/05/24 AS SHOWN K.D.DESIGNS CHECKED: STEPHEN OMO











AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Wednesday, July 3, 2024 Steve Omo BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070

RE: A4F0906 - R McLean Wilsonville - IDC01DEC.24UC

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A4F0906, which was received by the laboratory on 6/6/2024 at 8:00:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: DAuvil@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.

(See Cooler Receipt Form for details)

Default Cooler 3.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.





Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Project: R McLean Wilsonville Project Number: IDC01DEC.24UC Wilsonville, OR 97070 Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFORM	ATION		
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IDC01-I4-DS-2'	A4F0906-01	Soil	06/04/24 08:00	06/06/24 08:00
IDC01-I4-DM-2'	A4F0906-02	Soil	06/04/24 08:15	06/06/24 08:00
IDC01-I4-DN-2'	A4F0906-03	Soil	06/04/24 08:25	06/06/24 08:00
IDC01-I3-DN-3'	A4F0906-04	Soil	06/04/24 09:35	06/06/24 08:00
IDC01-I3-DS-3'	A4F0906-05	Soil	06/04/24 09:30	06/06/24 08:00
IDC01-I1-DN-2.5'	A4F0906-06	Soil	06/04/24 10:55	06/06/24 08:00
IDC01-E Elbow PL-2'	A4F0906-07	Soil	06/04/24 08:40	06/06/24 08:00
IDC01-PL-3/4N-2'	A4F0906-08	Soil	06/04/24 11:25	06/06/24 08:00
IDC01-PL-3/4M-2'	A4F0906-09	Soil	06/04/24 11:30	06/06/24 08:00
IDC01-PL-2/3-3'	A4F0906-10	Soil	06/04/24 11:15	06/06/24 08:00
IDC01-PL-1/2-2.5'	A4F0906-11	Soil	06/04/24 11:10	06/06/24 08:00
IDC01-E20K-M-15'	A4F0906-12	Soil	06/04/24 17:00	06/06/24 08:00
IDC01-E20K-S-13.5'	A4F0906-13	Soil	06/04/24 17:15	06/06/24 08:00
IDC01-4K-N-11'	A4F0906-14	Soil	06/05/24 15:40	06/06/24 08:00
IDC01-4K-S-11'	A4F0906-15	Soil	06/05/24 15:30	06/06/24 08:00
IDC01-6K-S-11'	A4F0906-16	Soil	06/05/24 17:00	06/06/24 08:00
IDC01-6K-N-11'	A4F0906-17	Soil	06/05/24 17:10	06/06/24 08:00
IDC01-COMP1	A4F0906-18	Soil	06/05/24 16:00	06/06/24 08:00
IDC01-COMP2	A4F0906-19	Soil	06/05/24 16:05	06/06/24 08:00

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Page 2 of 34



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - WilsonvilleProject:R McLean Wilsonville25195 SW Parkway Ave, Suite #207Project Number:IDC01DEC.24UC

Wilsonville, OR 97070 Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

Apex Laboratories

ANALYTICAL CASE NARRATIVE

Work Order: A4F0906

Amended Report Revision 1:

This report supersedes all previous reports.

A partial final report was sent to the client on 6/20/2024. This report includes all data for the samples received and logged in under work order A4F0906.

Darrell Auvil Client Services Manager 6/27/2028

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	G - 1	Data d	D '	-		D-4-		
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I4-DS-2' (A4F0906-01)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		24.6	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID	
Diesel Range Organics	ND		61.6	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID	
Oil Range Organics	ND		123	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 86 %	Limits: 50-150 %	1	06/08/24 04:19	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/08/24 04:19	NWTPH-HCID	
IDC01-I4-DM-2' (A4F0906-02)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		22.1	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID	
Diesel Range Organics	ND		55.3	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID	
Oil Range Organics	ND		111	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 22:01	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			92 %	50-150 %	1	06/07/24 22:01	NWTPH-HCID	
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		24.7	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	
Diesel Range Organics	DET		61.8	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	F-11
Oil Range Organics	ND		124	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recov	ery: 100 %	Limits: 50-150 %	1	06/07/24 22:25	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			97 %	50-150 %	1	06/07/24 22:25	NWTPH-HCID	
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND		23.5	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	
Diesel Range Organics	DET		58.7	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	F-11
Oil Range Organics	ND		117	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 22:48	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			91 %	50-150 %	1	06/07/24 22:48	NWTPH-HCID	
IDC01-I3-DS-3' (A4F0906-05)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		23.7	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID	
Diesel Range Organics	ND		59.3	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID	
Oil Range Organics	ND		119	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/07/24 23:12	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			97 %	50-150 %	1	06/07/24 23:12	NWTPH-HCID	
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch:	24F0240	

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	yui	Juli Doll Idoll		creen by NWTPI				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		23.3	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Diesel Range Organics	ND		58.1	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Oil Range Organics	ND		116	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 23:36	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			90 %	50-150 %	1	06/07/24 23:36	NWTPH-HCID	
IDC01-E Elbow PL-2' (A4F0906-07)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		21.9	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Diesel Range Organics	ND		54.8	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Oil Range Organics	ND		110	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 23:59	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			86 %	50-150 %	1	06/07/24 23:59	NWTPH-HCID	
IDC01-PL-3/4N-2' (A4F0906-08)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND		23.0	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Diesel Range Organics	ND		57.4	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Oil Range Organics	ND		115	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/08/24 00:23	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			89 %	50-150 %	1	06/08/24 00:23	NWTPH-HCID	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		25.1	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	
Diesel Range Organics	DET		62.8	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	F-11
Oil Range Organics	ND		126	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recov	ery: 104 %	Limits: 50-150 %	1	06/08/24 05:06	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			98 %	50-150 %	1	06/08/24 05:06	NWTPH-HCID	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		22.8	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	
Diesel Range Organics	DET		57.0	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	F-11
Oil Range Organics	ND		114	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/08/24 00:47	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			92 %	50-150 %	1	06/08/24 00:47	NWTPH-HCID	
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Batch:	24F0240	

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	•			reen by NWTP		_			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
•	Kesuit	Liiiit	Liiiit		Dilution	-		notes	
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Batch:	Batch: 24F0240		
Gasoline Range Organics	ND		22.5	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID		
Diesel Range Organics	ND		56.3	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID		
Oil Range Organics	ND		113	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Reco	very: 92 %	Limits: 50-150 %	1	06/08/24 01:10	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			87 %	50-150 %	1	06/08/24 01:10	NWTPH-HCID		
IDC01-E20K-M-15' (A4F0906-12)				Matrix: Soil		Batch:	24F0240		
Gasoline Range Organics	ND		23.5	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID		
Diesel Range Organics	ND		58.8	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID		
Oil Range Organics	ND		118	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Reco	very: 93 %	Limits: 50-150 %	1	06/08/24 01:34	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			79 %	50-150 %	1	06/08/24 01:34	NWTPH-HCID		
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0240			
Gasoline Range Organics	ND		23.7	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID		
Diesel Range Organics	DET		59.1	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID		
Oil Range Organics	ND		118	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Recov	ery: 123 %	Limits: 50-150 %	1	06/08/24 01:58	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			108 %	50-150 %	1	06/08/24 01:58	NWTPH-HCID		
IDC01-4K-N-11' (A4F0906-14)				Matrix: Soil		Batch:	24F0240		
Gasoline Range Organics	ND		25.3	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID		
Diesel Range Organics	ND		63.3	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID		
Oil Range Organics	ND		127	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/08/24 02:21	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/08/24 02:21	NWTPH-HCID		
IDC01-4K-S-11' (A4F0906-15)		Matrix: Soil			Batch:	24F0240			
Gasoline Range Organics	ND		26.2	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID		
Diesel Range Organics	ND		65.4	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID		
Oil Range Organics	ND		131	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/08/24 02:44	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			78 %	50-150 %	1	06/08/24 02:44	NWTPH-HCID		
IDC01-6K-S-11' (A4F0906-16)				Matrix: Soil		Batch:	24F0240		

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	Hydro	ocarbon Iden	tification So	creen by NWTPI	H-HCID			
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-6K-S-11' (A4F0906-16)				Matrix: Soil	Matrix: Soil		24F0240	
Gasoline Range Organics	ND		24.6	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID	
Diesel Range Organics	ND		61.4	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID	
Oil Range Organics	ND		123	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 91 %	Limits: 50-150 %	1	06/08/24 03:08	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			80 %	50-150 %	1	06/08/24 03:08	NWTPH-HCID	
IDC01-6K-N-11' (A4F0906-17)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		26.9	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID	
Diesel Range Organics	ND		67.2	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID	
Oil Range Organics	ND		134	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	1	06/08/24 03:32	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			76 %	50-150 %	1	06/08/24 03:32	NWTPH-HCID	
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0213		
Gasoline Range Organics	ND		21.6	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID	
Diesel Range Organics	ND		54.1	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID	
Oil Range Organics	DET		108	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	1	06/06/24 23:44	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			89 %	50-150 %	1	06/06/24 23:44	NWTPH-HCID	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0213	
Gasoline Range Organics	ND		20.5	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID	
Diesel Range Organics	ND		51.4	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID	
Oil Range Organics	ND		103	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 00:05	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			95 %	50-150 %	1	06/07/24 00:05	NWTPH-HCID	

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AMENDED REPORT

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	אום	ssei allu/ol O	ii i iyurucar	bons by NWTPI	1-01			
Anglyta	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notas
Analyte	Resuit	Lillit	- LIIIII		חוותוסוו	-		Notes
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil			24F0567	
Diesel	134		23.0	mg/kg dry	1	06/17/24 21:47	NWTPH-Dx	F-11, Q-39 Q-42
Oil	ND		46.0	mg/kg dry	1	06/17/24 21:47	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 82 %	Limits: 50-150 %	1	06/17/24 21:47	NWTPH-Dx	
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch:	24F0567	
Diesel	695		22.0	mg/kg dry	1	06/18/24 09:14	NWTPH-Dx	F-11
Oil	ND		43.9	mg/kg dry	1	06/18/24 09:14	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 88 %	Limits: 50-150 %	1	06/18/24 09:14	NWTPH-Dx	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch:	24F0567	
Diesel	966		22.8	mg/kg dry	1	06/18/24 10:01	NWTPH-Dx	F-11
Oil	ND		45.6	mg/kg dry	1	06/18/24 10:01	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 73 %	Limits: 50-150 %	1	06/18/24 10:01	NWTPH-Dx	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch:	24F0567	
Diesel	57.4		21.7	mg/kg dry	1	06/18/24 06:30	NWTPH-Dx	F-11
Oil	ND		43.5	mg/kg dry	1	06/18/24 06:30	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 80 %	Limits: 50-150 %	1	06/18/24 06:30	NWTPH-Dx	
IDC01-E20K-S-13.5' (A4F0906-13RE1)				Matrix: Soil		Batch:	24F0567	
Diesel	4050		115	mg/kg dry	5	06/18/24 15:54	NWTPH-Dx	
Oil	ND		229	mg/kg dry	5	06/18/24 15:54	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 85 %	Limits: 50-150 %	5	06/18/24 15:54	NWTPH-Dx	S-05
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0171	
Diesel	ND		19.6	mg/kg dry	1	06/06/24 21:42	NWTPH-Dx	
Oil	43.4		39.3	mg/kg dry	1	06/06/24 21:42	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	1	06/06/24 21:42	NWTPH-Dx	
IDC01-COMP2 (A4F0906-19RE1)		Matrix: Soil Batch: 24F0171		24F0171				
Diesel	ND		19.3	mg/kg dry	1	06/07/24 08:25	NWTPH-Dx	F-26
Oil	ND		38.6	mg/kg dry	1	06/07/24 08:25	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 08:25	NWTPH-Dx	

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Gasol	ine Range Hy	/drocarbons	(Benzene tl	hrough Naphtha	alene) by	NWTPH-Gx		
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-COMP1 (A4F0906-18)			Matrix: Soil Batch: 24F0185					V-15
Gasoline Range Organics	ND		5.69	mg/kg dry	50	06/06/24 16:06	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 94 %	Limits: 50-150 %	1	06/06/24 16:06	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	06/06/24 16:06	NWTPH-Gx (MS)	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch	: 24F0185	V-15
Gasoline Range Organics	35.0		5.17	mg/kg dry	50	06/06/24 16:33	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 96 %	Limits: 50-150 %	1	06/06/24 16:33	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	06/06/24 16:33	NWTPH-Gx (MS)	

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Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

		BTEX Con	pounds b	y EPA 8260D				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch:	24F0834	H-01
Benzene	ND		11.7	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Toluene	ND		58.6	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Ethylbenzene	ND		29.3	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Xylenes, total	103		87.9	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recover): 101 %	Limits: 80-120 %	1	06/25/24 20:02	5035A/8260D	
Toluene-d8 (Surr)			96 %	80-120 %	1	06/25/24 20:02	5035A/8260D	
4-Bromofluorobenzene (Surr)			101 %	79-120 %	1	06/25/24 20:02	5035A/8260D	
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0185	V-15
Benzene	ND		11.4	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Toluene	ND		56.9	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Ethylbenzene	ND		28.4	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Xylenes, total	ND		85.3	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recover): 102 %	Limits: 80-120 %	1	06/06/24 16:06	5035A/8260D	
Toluene-d8 (Surr)			100 %	80-120 %	1	06/06/24 16:06	5035A/8260D	
4-Bromofluorobenzene (Surr)			101 %	79-120 %	1	06/06/24 16:06	5035A/8260D	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0185	V-15
Benzene	ND		10.3	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Toluene	ND		51.7	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Ethylbenzene	52.2		25.9	ug/kg dry	50	06/06/24 16:33	5035A/8260D	M-04
Xylenes, total	490		77.6	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recover	v: 103 %	Limits: 80-120 %	1	06/06/24 16:33	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %	1	06/06/24 16:33	5035A/8260D	
4-Bromofluorobenzene (Surr)			96 %	79-120 %	1	06/06/24 16:33	5035A/8260D	

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville
Project Number: IDC01DEC.24UC

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Project Manager: Steve Omo

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)											
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes			
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0798		H-02			
Acenaphthene	ND		84.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	R-02			
Acenaphthylene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Anthracene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Benz(a)anthracene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Benzo(a)pyrene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Benzo(b)fluoranthene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Benzo(k)fluoranthene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Benzo(g,h,i)perylene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Chrysene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Dibenz(a,h)anthracene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Fluoranthene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Fluorene	ND		381	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	R-02			
Indeno(1,2,3-cd)pyrene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Naphthalene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Phenanthrene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Pyrene	298		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM				
Surrogate: 2-Fluorobiphenyl (Surr)		Recov	very: 72 %	Limits: 44-120 %	5	06/24/24 17:33	EPA 8270E SIM				
p-Terphenyl-d14 (Surr)			67 %	54-127 %	5	06/24/24 17:33	EPA 8270E SIM				

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Sample Result Limit Limit Limit	Units Matrix:	Dilution Soil	Date Analyzed	Method Ref.	
% Solids 80.7 1.00 IDC01-I4-DM-2' (A4F0906-02) % Solids 84.4 1.00 IDC01-I4-DN-2' (A4F0906-03) % Solids 79.0 1.00 IDC01-I3-DN-3' (A4F0906-04) % Solids 82.6 1.00 IDC01-I3-DS-3' (A4F0906-05) % Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)		Soil			Notes
IDC01-I4-DM-2' (A4F0906-02) % Solids	%		Batch:		
% Solids 84.4 1.00 IDC01-I4-DN-2' (A4F0906-03) % Solids 79.0 1.00 IDC01-I3-DN-3' (A4F0906-04) % Solids 82.6 1.00 IDC01-I3-DS-3' (A4F0906-05) % Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)		1	06/10/24 06:52	EPA 8000D	
IDC01-I4-DN-2' (A4F0906-03) % Solids 79.0 1.00 IDC01-I3-DN-3' (A4F0906-04) % Solids 82.6 1.00 IDC01-I3-DS-3' (A4F0906-05) % Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	Matrix:	Soil	Batch: 24F0232		
% Solids 79.0 1.00 IDC01-I3-DN-3' (A4F0906-04) % Solids 82.6 1.00 IDC01-I3-DS-3' (A4F0906-05) % Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I3-DN-3' (A4F0906-04) % Solids	Matrix:	Soil	Batch: 24F0232		
% Solids 82.6 1.00 IDC01-I3-DS-3' (A4F0906-05) % Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I3-DS-3' (A4F0906-05) % Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	Matrix:	Soil	Batch: 24F0232		
% Solids 84.2 1.00 IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	%	1	06/10/24 06:52	EPA 8000D	
IDC01-I1-DN-2.5' (A4F0906-06) % Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	Matrix:	Soil	Batch: 24F0232		
% Solids 79.6 1.00 IDC01-E Elbow PL-2' (A4F0906-07)	%	1	06/10/24 06:52	EPA 8000D	
IDC01-E Elbow PL-2' (A4F0906-07)	Matrix:	Soil	Batch: 24F0232		
	%	1	06/10/24 06:52	EPA 8000D	
% Solids 85.4 1.00	Matrix:	Soil	Batch: 24F0232		
70 201145	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-3/4N-2' (A4F0906-08)	Matrix:	Soil	Batch: 24F0232		
% Solids 81.2 1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-3/4M-2' (A4F0906-09)	Matrix:	Soil	Batch: 24F0232		
% Solids 78.4 1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-2/3-3' (A4F0906-10)	Matrix:	Soil	Batch: 24F0232		
% Solids 83.4 1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-PL-1/2-2.5' (A4F0906-11)	Matrix:	Soil	Batch: 24F0232		
% Solids 81.0 1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-E20K-M-15' (A4F0906-12)	Matrix:	Soil	Batch: 24F0232		_
% Solids 81.2 1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-E20K-S-13.5' (A4F0906-13)	Matrix:	Soil	Batch: 24F0232		

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

		Pe	ercent Dry W	eight					
Analyte	Sample Result	Detection Limit	Reporting Limit	Units		Dilution	Date Analyzed	Method Ref.	Notes
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix:	Soil		Batch:	24F0232	
% Solids	77.8		1.00	%		1	06/10/24 06:52	EPA 8000D	
IDC01-4K-N-11' (A4F0906-14)				Matrix:	Soil		Batch:	24F0232	
% Solids	76.4		1.00	%		1	06/10/24 06:52	EPA 8000D	
IDC01-4K-S-11' (A4F0906-15)				Matrix:	Soil		Batch:	24F0232	
% Solids	73.5		1.00	%		1	06/10/24 06:52	EPA 8000D	
IDC01-6K-S-11' (A4F0906-16)				Matrix:	Soil		Batch:	24F0232	
% Solids	77.2		1.00	%		1	06/10/24 06:52	EPA 8000D	
IDC01-6K-N-11' (A4F0906-17)				Matrix:	Soil		Batch:	24F0232	
% Solids	70.2		1.00	%		1	06/10/24 06:52	EPA 8000D	
IDC01-COMP1 (A4F0906-18)				Matrix:	Soil		Batch:	24F0184	
% Solids	90.8		1.00	%		1	06/07/24 06:51	EPA 8000D	
IDC01-COMP2 (A4F0906-19)				Matrix:	Soil		Batch:	24F0184	•
% Solids	93.5		1.00	%		1	06/07/24 06:51	EPA 8000D	

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

Apex Laboratories, LLC

ORELAP ID: OR100062

AMENDED REPORT

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070

R McLean Wilsonville Project: Project Number: IDC01DEC.24UC Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

		Hvd	rocarbon l	dentificati	on Scree	en by NW	TPH-HCIC)				
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0213 - EPA 3546 (Fu	uels)						Soil					
Blank (24F0213-BLK1)		Prepared	: 06/06/24 14:	17 Analyze	ed: 06/06/2	4 19:14						
NWTPH-HCID												
Gasoline Range Organics	ND		20.0	mg/kg we	et 1							
Diesel Range Organics	ND		50.0	mg/kg we	et l							
Oil Range Organics	ND		100	mg/kg we	et 1							
Surr: o-Terphenyl (Surr)		Reco	very: 111 %	Limits: 50-	-150 %	Dila	ution: 1x					
4-Bromofluorobenzene (Surr)			111 %	50-	150 %		"					
No Client rela	ited Batch (QC samples a	nalyzed for th	is batch. See	e notes pag	e for more ir	nformation.					
Batch 24F0240 - EPA 3546 (Fu	uels)						Soil					
Blank (24F0240-BLK1)	·	Prepared	: 06/07/24 10:	15 Analyze	ed: 06/07/2	4 21:38			·	·		
NWTPH-HCID												
Gasoline Range Organics	ND		20.0	mg/kg we	et 1							

		Prepared: 0	6/07/24 10	0:15 Analyzed: 06/07/	24 21:38			
NWTPH-HCID								
Gasoline Range Organics	ND		20.0	mg/kg wet 1			 	
Diesel Range Organics	ND		50.0	mg/kg wet 1			 	
Oil Range Organics	ND		100	mg/kg wet 1			 	
Surr: o-Terphenyl (Surr)		Recove	ery: 92 %	Limits: 50-150 %	Dil	ution: 1x		
4-Bromofluorobenzene (Surr)			91 %	50-150 %		"		
Duplicate (24F0240-DUP1) OC Source Sample: IDC01-I4-DS	-2' (A4F0906-0	•	0/0//24 10):15 Analyzed: 06/08/.	LT V4.42			
NWTPH-HCID Gasoline Range Organics	ND		22.9	mg/kg dry 1		ND	 	 30%
6 6	ND		57.3	mg/kg dry 1		ND	 	 30%
Diesel Range Organics			115	mg/kg dry 1		ND	 	 30%
	ND		113	mg/kg di y		ND		
Oil Range Organics	ND		ery: 92 %	Limits: 50-150 %		ution: 1x		
Diesel Range Organics Oil Range Organics Surr: o-Terphenyl (Surr) 4-Bromofluorobenzene (Surr)	ND							

27.8

69.4

139

mg/kg dry

mg/kg dry

mg/kg dry

1

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Gasoline Range Organics

Diesel Range Organics

Oil Range Organics

NWTPH-HCID

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

ND

ND

ND

ND

ND

ND

30%

30%

30%



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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID Detection Reporting Spike Source % REC **RPD** Analyte Result Limit Units Dilution Amount Result % REC Limits RPD Limit Notes Limit Batch 24F0240 - EPA 3546 (Fuels) Soil Duplicate (24F0240-DUP2) Prepared: 06/07/24 10:15 Analyzed: 06/08/24 03:55 QC Source Sample: IDC01-6K-N-11' (A4F0906-17) Surr: o-Terphenyl (Surr) Recovery: 102 % Limits: 50-150 % Dilution: 1x 4-Bromofluorobenzene (Surr) $86\,\%$ 50-150 %

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Apex Laboratories, LLC

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		D	iesel and/d	r Oil Hyd	rocarbor	s by NW7	PH-Dx					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0171 - EPA 3546	(Fuels)						Soil					
Blank (24F0171-BLK1)		Prepared	06/06/24 05:	05 Analyz	ed: 06/06/2	4 08:19						
NWTPH-Dx												
Diesel	ND		20.0	mg/kg w	et 1							
Oil	ND		40.0	mg/kg w	et 1							
Mineral Oil	ND		40.0	mg/kg w	et 1							
Surr: o-Terphenyl (Surr)		Recov	very: 102 %	Limits: 50	-150 %	Dilt	ution: 1x					
LCS (24F0171-BS1)		Prepared:	06/06/24 05:	05 Analyz	ed: 06/06/2	4 08:41						
NWTPH-Dx												
Diesel	120		20.0	mg/kg w	et 1	125		96	38 - 132%			
Surr: o-Terphenyl (Surr)		Recov	very: 107 %	Limits: 50	-150 %	Dilı	ttion: 1x					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		D	iesel and/o	or Oil Hyd	rocarbor	s by NW	TPH-Dx					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0567 - EPA 3546 (F	uels)						Soil					
Blank (24F0567-BLK1)		Prepared	06/17/24 12	:22 Analyzo	ed: 06/17/2	4 18:21						
NWTPH-Dx												
Diesel	ND		20.0	mg/kg we	et 1							
Oil	ND		40.0	mg/kg we	et 1							
Surr: o-Terphenyl (Surr)		Reco	very: 103 %	Limits: 50	-150 %	Dila	ution: 1x					
LCS (24F0567-BS1)		Prepared	06/17/24 12	:22 Analyzo	ed: 06/17/2	4 18:41						
NWTPH-Dx												
Diesel	110		20.0	mg/kg wo	et 1	125		88	38 - 132%			
Surr: o-Terphenyl (Surr)		Reco	very: 102 %	Limits: 50-	-150 %	Dila	ution: 1x					
Duplicate (24F0567-DUP1)		Prepared	06/17/24 12	:22 Analyzo	ed: 06/17/2	4 22:08						
QC Source Sample: IDC01-I4-DI	N-2' (A4F090	06-03)										
NWTPH-Dx												
Diesel	227		21.7	mg/kg dr	y 1		134			52	30%	F-11, Q-04
Oil	ND		43.4	mg/kg dr	y 1		ND				30%	
Surr: o-Terphenyl (Surr)		Reco	overy: 91 %	Limits: 50-	-150 %	Dila	ution: 1x					

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

	Gasoli	ne Range H	lydrocarbo	ns (Benz	ene thro	ıgh Naph	thalene)	by NWTF	H-Gx			
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		Prepared:	06/06/24 09:	00 Analyze	ed: 06/06/2	4 12:02						
NWTPH-Gx (MS)												
Gasoline Range Organics	ND		5.00	mg/kg we	et 50							
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 50-	-150 %	Dilı	ution: 1x					
1,4-Difluorobenzene (Sur)			106 %	50-	150 %		"					
LCS (24F0185-BS2)		Prepared:	06/06/24 09:	00 Analyze	ed: 06/06/2	4 11:35						
NWTPH-Gx (MS)												
Gasoline Range Organics	23.1		5.00	mg/kg we	et 50	25.0		92	80 - 120%			
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 50-	-150 %	Dilı	ution: 1x					
1,4-Difluorobenzene (Sur)			105 %	50-	150 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

			BTEX	Compou	nds by E	PA 8260D)					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		Prepared:	06/06/24 09:	:00 Analyze	ed: 06/06/2	4 12:02						
5035A/8260D												
Benzene	ND		10.0	ug/kg we	t 50							
Toluene	ND		50.0	ug/kg we	t 50							
Ethylbenzene	ND		25.0	ug/kg we	t 50							
Xylenes, total	ND		75.0	ug/kg we	t 50							
Surr: 1,4-Difluorobenzene (Surr)		Recov	ery: 103 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			100 %	79-	120 %		"					
LCS (24F0185-BS1)		Prepared:	06/06/24 09:	:00 Analyze	ed: 06/06/2	4 10:41						
5035A/8260D												
Benzene	1050		10.0	ug/kg we	t 50	1000		105	80 - 120%			
Toluene	976		50.0	ug/kg we	t 50	1000		98	80 - 120%			
Ethylbenzene	1010		25.0	ug/kg we	t 50	1000		101	80 - 120%			
Xylenes, total	3010		75.0	ug/kg we	t 50	3000		100	80 - 120%			
Surr: 1,4-Difluorobenzene (Surr)		Recov	ery: 102 %	Limits: 80-	-120 %	Dila	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			96 %	79-	120 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

			BTEX	Compou	nds by E	PA 8260D						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0834 - EPA 5035A							Soil					
Blank (24F0834-BLK1)		Prepared	06/25/24 09:	:00 Analyze	ed: 06/25/2	4 11:54						
5035A/8260D												
Benzene	ND		10.0	ug/kg we	t 50							
Toluene	ND		50.0	ug/kg we	t 50							
Ethylbenzene	ND		25.0	ug/kg we	t 50							
Xylenes, total	ND		75.0	ug/kg we	t 50							
Surr: 1,4-Difluorobenzene (Surr)		Recov	very: 102 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			96 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			99 %	79-	120 %		"					
LCS (24F0834-BS1)		Prepared	: 06/25/24 09:	:00 Analyze	ed: 06/25/2	4 11:00						
5035A/8260D												
Benzene	1060		10.0	ug/kg we	t 50	1000		106	80 - 120%			
Toluene	1040		50.0	ug/kg we	t 50	1000		104	80 - 120%			
Ethylbenzene	1080		25.0	ug/kg we	t 50	1000		108	80 - 120%			
Xylenes, total	3280		75.0	ug/kg we	t 50	3000		109	80 - 120%			
Surr: 1,4-Difluorobenzene (Surr)		Recov	very: 100 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			101 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			99 %	79-	120 %		"					

 $No\ Client\ related\ Batch\ QC\ samples\ analyzed\ for\ this\ batch.\ See\ notes\ page\ for\ more\ information.$

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		Polyai	romatic Hy	drocarbor	ıs (PAHs) by EPA	8270E (SI	IM)				
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0798 - EPA 3546							Soil					
Blank (24F0798-BLK1)		Prepared	: 06/24/24 10:	00 Analyze	d: 06/24/2	4 15:01						
EPA 8270E SIM												
Acenaphthene	ND		10.0	ug/kg we	t 1							
Acenaphthylene	ND		10.0	ug/kg we	t 1							
Anthracene	ND		10.0	ug/kg we	t 1							
Benz(a)anthracene	ND		10.0	ug/kg we	t 1							
Benzo(a)pyrene	ND		10.0	ug/kg we	t 1							
Benzo(b)fluoranthene	ND		10.0	ug/kg we	t 1							
Benzo(k)fluoranthene	ND		10.0	ug/kg we	t 1							
Benzo(g,h,i)perylene	ND		10.0	ug/kg we	t 1							
Chrysene	ND		10.0	ug/kg we	t 1							
Dibenz(a,h)anthracene	ND		10.0	ug/kg we	t 1							
Fluoranthene	ND		10.0	ug/kg we	t 1							
Fluorene	ND		10.0	ug/kg we	t 1							
ndeno(1,2,3-cd)pyrene	ND		10.0	ug/kg we	t 1							
Naphthalene	ND		10.0	ug/kg we	t 1							
Phenanthrene	ND		10.0	ug/kg we	t 1							
Pyrene	ND		10.0	ug/kg we	t 1							
Surr: 2-Fluorobiphenyl (Surr)		Rec	overy: 78 %	Limits: 44-	120 %	Dilı	ution: 1x					
p-Terphenyl-d14 (Surr)			76 %	54-	127 %		"					
LCS (24F0798-BS1)		Prepared	: 06/24/24 10:	00 Analyze	:d: 06/24/2	4 15:26						
EPA 8270E SIM												
Acenaphthene	691		10.0	ug/kg we	t 1	800		86	40 - 123%			
Acenaphthylene	633		10.0	ug/kg we		800		79	32 - 132%			
Anthracene	669		10.0	ug/kg we		800		84	47 - 123%			
Benz(a)anthracene	644		10.0	ug/kg we		800		81	49 - 126%			
Benzo(a)pyrene	676		10.0	ug/kg we		800			45 - 129%			
Benzo(b)fluoranthene	643		10.0	ug/kg we		800			45 - 132%			
Benzo(k)fluoranthene	690		10.0	ug/kg we		800			47 - 132%			
Benzo(g,h,i)perylene	606		10.0	ug/kg we		800			43 - 134%			
Chrysene	701		10.0	ug/kg we		800			50 - 124%			
•									45 - 134%			
Dibenz(a,h)anthracene	711		10.0	ug/kg we	t 1	800		09 '	TJ = 1J4/0			
Dibenz(a,h)anthracene Fluoranthene	711 731		10.0 10.0	ug/kg we ug/kg we		800 800			50 - 127%			

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		Polyar	omatic Hy	drocarbor	ns (PAHs) by EPA	3270E (SI	M)				
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0798 - EPA 3546							Soil					
LCS (24F0798-BS1)		Prepared	06/24/24 10:	00 Analyze	ed: 06/24/2	4 15:26						
Indeno(1,2,3-cd)pyrene	670		10.0	ug/kg we	t 1	800		84 4	45 - 133%			
Naphthalene	671		10.0	ug/kg we	t 1	800		84 3	35 - 123%			
Phenanthrene	666		10.0	ug/kg we	t 1	800		83	50 - 121%			
Pyrene	734		10.0	ug/kg we	t 1	800		92 4	47 - 127%			
Surr: 2-Fluorobiphenyl (Surr)		Rece	very: 80 %	Limits: 44-	120 %	Dilı	tion: 1x					
p-Terphenyl-d14 (Surr)			75 %	54-	127 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

				Percen	t Dry Wei	ght						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits		RPD Limit	Notes
Batch 24F0184 - Total Soli	ds (Dry Weigh	nt) - 2022					Soil					
Duplicate (24F0184-DUP8)		Prepared	: 06/06/24 19:2	25 Analy	zed: 06/07/2	4 06:51						
OC Source Sample: IDC01-C	OMP1 (A4F090	<u>6-18)</u>										
% Solids	89.0		1.00	%	1		90.8			2	10%	

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

				Percen	t Dry Wei	ght						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0232 - Total Solids (I	Ory Weigl	nt) - 2022					Soil					
Duplicate (24F0232-DUP1)		Prepared	: 06/07/24 08:2	23 Analy	zed: 06/10/2	4 06:52						
OC Source Sample: IDC01-I4-DS- EPA 8000D	2' (A4F090	<u>6-01)</u>										
% Solids	78.0		1.00	%	1		80.7			3	10%	
Duplicate (24F0232-DUP2)		Prepared	: 06/07/24 08:2	23 Analyz	zed: 06/10/2	4 06:52						
QC Source Sample: IDC01-I4-DM EPA 8000D	-2' (A4F09	06-02)										
% Solids	84.6		1.00	%	1		84.4			0.2	10%	
Duplicate (24F0232-DUP3)		Prepared	: 06/07/24 08:2	23 Analy	zed: 06/10/2	4 06:52						
QC Source Sample: IDC01-I4-DN-	2' (A4F090	06-03)										
<u>EPA 8000D</u> % Solids	78.0		1.00	%	1		79.0			1	10%	

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville Project: R McLean Wilsonville

25195 SW Parkway Ave, Suite #207Project Number:IDC01DEC.24UCReport ID:Wilsonville, OR 97070Project Manager:Steve OmoA4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

		Hydrocarbor	ldentification Scree	n by NWTPH-HCID			
Prep: EPA 3546 (Fu	uels)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0213							
A4F0906-18	Soil	NWTPH-HCID	06/05/24 16:00	06/06/24 15:22	10.18g/10mL	10g/10mL	0.98
A4F0906-19	Soil	NWTPH-HCID	06/05/24 16:05	06/06/24 15:22	10.41g/10mL	10g/10mL	0.96
Batch: 24F0240							
A4F0906-01	Soil	NWTPH-HCID	06/04/24 08:00	06/07/24 10:15	10.06g/10mL	10g/10mL	0.99
A4F0906 - 02	Soil	NWTPH-HCID	06/04/24 08:15	06/07/24 10:15	10.72g/10mL	10g/10mL	0.93
A4F0906 - 03	Soil	NWTPH-HCID	06/04/24 08:25	06/07/24 10:15	10.24g/10mL	10g/10mL	0.98
A4F0906 - 04	Soil	NWTPH-HCID	06/04/24 09:35	06/07/24 10:15	10.3g/10mL	10g/10mL	0.97
A4F0906 - 05	Soil	NWTPH-HCID	06/04/24 09:30	06/07/24 10:15	10.02g/10mL	10g/10mL	1.00
A4F0906-06	Soil	NWTPH-HCID	06/04/24 10:55	06/07/24 10:15	10.8g/10mL	10g/10mL	0.93
A4F0906-07	Soil	NWTPH-HCID	06/04/24 08:40	06/07/24 10:15	10.69g/10mL	10g/10mL	0.94
A4F0906-08	Soil	NWTPH-HCID	06/04/24 11:25	06/07/24 10:15	10.73g/10mL	10g/10mL	0.93
A4F0906-09	Soil	NWTPH-HCID	06/04/24 11:30	06/07/24 10:15	10.15g/10mL	10g/10mL	0.99
A4F0906-10	Soil	NWTPH-HCID	06/04/24 11:15	06/07/24 10:15	10.51g/10mL	10g/10mL	0.95
A4F0906-11	Soil	NWTPH-HCID	06/04/24 11:10	06/07/24 10:15	10.96g/10mL	10g/10mL	0.91
A4F0906-12	Soil	NWTPH-HCID	06/04/24 17:00	06/07/24 10:15	10.47g/10mL	10g/10mL	0.96
A4F0906-13	Soil	NWTPH-HCID	06/04/24 17:15	06/07/24 10:15	10.87g/10mL	10g/10mL	0.92
A4F0906-14	Soil	NWTPH-HCID	06/05/24 15:40	06/07/24 10:15	10.34g/10mL	10g/10mL	0.97
A4F0906-15	Soil	NWTPH-HCID	06/05/24 15:30	06/07/24 10:15	10.4g/10mL	10g/10mL	0.96
A4F0906-16	Soil	NWTPH-HCID	06/05/24 17:00	06/07/24 10:15	10.54g/10mL	10g/10mL	0.95
A4F0906-17	Soil	NWTPH-HCID	06/05/24 17:10	06/07/24 10:15	10.59g/10mL	10g/10mL	0.94

		Diesel an	nd/or Oil Hydrocarbor	is by NWTPH-Dx			
Prep: EPA 3546 (F	uels)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0171							
A4F0906-18	Soil	NWTPH-Dx	06/05/24 16:00	06/06/24 17:43	11.21g/5mL	10g/5mL	0.89
A4F0906-19RE1	Soil	NWTPH-Dx	06/05/24 16:05	06/06/24 17:43	11.09g/5mL	10g/5mL	0.90
Batch: 24F0567							
A4F0906 - 03	Soil	NWTPH-Dx	06/04/24 08:25	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91
A4F0906 - 04	Soil	NWTPH-Dx	06/04/24 09:35	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91
A4F0906 - 09	Soil	NWTPH-Dx	06/04/24 11:30	06/17/24 12:43	11.18g/5mL	10g/5mL	0.89
A4F0906-10	Soil	NWTPH-Dx	06/04/24 11:15	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91
A4F0906-13RE1	Soil	NWTPH-Dx	06/04/24 17:15	06/17/24 12:43	11.21g/5mL	10g/5mL	0.89

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070

Project: R McLean Wilsonville Project Number: IDC01DEC.24UC Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

	Gas	soline Range Hydrocarl	bons (Benzene thro	ugh Naphthalene) b	y NWTPH-Gx		
Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0185			-				
A4F0906 - 18	Soil	NWTPH-Gx (MS)	06/05/24 16:00	06/06/24 10:44	5.31g/5mL	5g/5mL	0.94
A4F0906 - 19	Soil	NWTPH-Gx (MS)	06/05/24 16:05	06/06/24 10:44	5.54g/5mL	5g/5mL	0.90
		ВТЕ	EX Compounds by E	EPA 8260D			
Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0185							
A4F0906 - 18	Soil	5035A/8260D	06/05/24 16:00	06/06/24 10:44	5.31g/5mL	5g/5mL	0.94
A4F0906 - 19	Soil	5035A/8260D	06/05/24 16:05	06/06/24 10:44	5.54g/5mL	5g/5mL	0.90
Batch: 24F0834							
A4F0906-13	Soil	5035A/8260D	06/04/24 17:15	06/04/24 17:15	7.25g/5mL	5g/5mL	0.69
		Polyaromatic H	lydrocarbons (PAHs) by EPA 8270E (SII	M)		
Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0798							
44F0906-13	Soil	EPA 8270E SIM	06/04/24 17:15	06/24/24 10:00	11 46o/5mL	10g/5mI	0.87

Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0798							
A4F0906-13	Soil	EPA 8270E SIM	06/04/24 17:15	06/24/24 10:00	11.46g/5mL	10g/5mL	0.87

			Percent Dry We	ight			
Prep: Total Solids (Dry Weight) - 20	<u>22</u>			Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0184							
A4F0906-18	Soil	EPA 8000D	06/05/24 16:00	06/06/24 19:25			NA
A4F0906-19	Soil	EPA 8000D	06/05/24 16:05	06/06/24 19:25			NA
Batch: 24F0232							
A4F0906-01	Soil	EPA 8000D	06/04/24 08:00	06/07/24 08:23			NA
A4F0906 - 02	Soil	EPA 8000D	06/04/24 08:15	06/07/24 08:23			NA
A4F0906 - 03	Soil	EPA 8000D	06/04/24 08:25	06/07/24 08:23			NA
A4F0906 - 04	Soil	EPA 8000D	06/04/24 09:35	06/07/24 08:23			NA
A4F0906 - 05	Soil	EPA 8000D	06/04/24 09:30	06/07/24 08:23			NA
A4F0906 - 06	Soil	EPA 8000D	06/04/24 10:55	06/07/24 08:23			NA
A4F0906-07	Soil	EPA 8000D	06/04/24 08:40	06/07/24 08:23			NA

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville
Project Number: IDC01DEC.24UC

Report ID: A4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

Project Manager: Steve Omo

			Percent Dry We	ight			
Prep: Total Solids	s (Dry Weight) - 20	<u>22</u>			Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
A4F0906-08	Soil	EPA 8000D	06/04/24 11:25	06/07/24 08:23			NA
A4F0906 - 09	Soil	EPA 8000D	06/04/24 11:30	06/07/24 08:23			NA
A4F0906-10	Soil	EPA 8000D	06/04/24 11:15	06/07/24 08:23			NA
A4F0906-11	Soil	EPA 8000D	06/04/24 11:10	06/07/24 08:23			NA
A4F0906-12	Soil	EPA 8000D	06/04/24 17:00	06/07/24 08:23			NA
A4F0906-13	Soil	EPA 8000D	06/04/24 17:15	06/07/24 08:23			NA
A4F0906-14	Soil	EPA 8000D	06/05/24 15:40	06/07/24 08:23			NA
A4F0906-15	Soil	EPA 8000D	06/05/24 15:30	06/07/24 08:23			NA
A4F0906-16	Soil	EPA 8000D	06/05/24 17:00	06/07/24 08:23			NA
A4F0906-17	Soil	EPA 8000D	06/05/24 17:10	06/07/24 08:23			NA

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070

R McLean Wilsonville Project: Project Number: IDC01DEC.24UC Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-26	Result for Diesel (Diesel Range Organics, C12-C18) is due to overlap from Gasoline or a Gasoline Range product.
H-01	Analyzed outside the recommended holding time.
H-02	This sample was extracted outside of the recommended holding time.
M-04	Due to matrix interference, this analyte cannot be accurately quantified. The reported result may contain a high bias.
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
Q-39	Results for sample duplicate are higher than the sample results. See duplicate results in QC section of the report.
Q-42	Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
S-05	Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
V-15	Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported.

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

<u>Detection Limits:</u> Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.

The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")

See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

"__" Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

"---" QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).

Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

- -For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
- -For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAPID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

AMENDED REPORT

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the <u>exception</u> of any analyte(s) listed below:

Apex Laboratories

Matrix Analysis TNI_ID Analyte TNI_ID Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Report ID:

BB&A Environmental - Wilsonville 25195 SW Parkway Ave. Suite #207

25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo A4F0906 - 07 03 24 0935

1	12232 S.W. Garden Place, Tigard, OR 97223 Ph.: 503-718-2323 Fax: 503-718-0333	323 Fa	x: 503.	-718-0	333									,	-				
Company: BB&A Environmental	Project Mgr:	Mgr:	Steve Omo	Ошо				F	oject N	lame:	R Mc	Lean	Project Name: R McLean Wilsonville			Project #	DC0	Project# 1DC01DEC,24UC	
Address: 25195 SW Parkway Ave. #207, Wilsonville, OR 97070						Phone:		503-570-9484	-9484		Fax:			Email:	ail:	smoms	smomo@bbaenv.com	W.	
Sampled by: Steve Omo												ANA	ANALYSIS REQUEST	UEST					
Sie Location: WA OR			VINERS	ID				OC*	sH./				ı, Be, Cd , Fe, Pb Ao, Ni, K,	П7 'л					
AMP ID #	LIME	XIATAN	OF CONT	NWTPH-HC	AWTPH-Gx	N + X3L	8560 RBDM	8760 VOCs 8260 Halo V	4 MIS 0/28	8082 PCBs	8081 Chlor.	RCRA Metal	Priority Meta Al, Sb, As, Ba a, Cr, Co, Cu a, Mg, Mn, M	c, Ag, Na, Tl, TCLP Metals	1500-COF2	Z-0071			***
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Company: BB&A ENVIRONMENTAL		Company:) Samy:	1	200			Сопрапу:									Company:	ıy:	

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Report ID:

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo A4F0906 - 07 03 24 0935

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1200-COLS 1200	Address: 25195 SW Parkway Ave. #207, Wilso	onville	, OR 97070						Phon		3-570-	-9484		Fax:		ā	Email:	ιöl	moms@bbaenv.com		
1200-CDLS 1200	Sampled by. Steve Omo					ATTACKS)							NAL	YSIS REQUE	зī				
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Normal Turn Around Time (TAT) = 7-10 Business Days SAMPLES ARE HELD FOR 30 DAYS SAMPLES ARE HELD FOR 30 DAYS SIGNATURE Signature: Signature: Time: Fighed Name: Time: Company: Company: Total Normany: Total Norma	C01 - COMP2		6/5/2024	16:05	ဟ	-	$\hat{\mathcal{L}}$	X	1	7	2	12									
Normal Turn Around Time (TAT) = 7.10 Business Days SPECIAL INSTRUCTIONS: SAMPLES ARE 48 HR 72 HR SAMPLES ARE HELD FOR 30 DAYS SAMPLES ARE HELD FOR 30 DAYS Signature: Si														-			\dashv				
Normal Turn Around Time (TAT) = 7-10 Business Days South of the Carlo Business Days Sample S AR	The second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the second section in the second section is the second section in the section is the second section in the section is the second section in the section is the section in the section in the section is the section in the section	\neg					+			\dashv	+		\top	+	+		+	4			
SAMPLES ARE HELD FOR 30 DAYS SAMPLES ARE HELD FOR 30 DAYS SIGNATURE Signature Signature Signature Time: Company: Compa	Normal Turn A	Arounk	d Time (TA	(T) = 7.10B	Isiness	Days	-	-		S	PECIA	LINST	TRUCT		┨		+	4			
SAMPLES ARE HELD FOR 30 DAYS Date: Signatury Gigalous Time: Tim	TAT Requested (circle)	图		48 HR 5 DAY	2 6	H V	- An	3				LLI		need .	8	FT RES	į	2			
P. Date: Signature Signature Signature Date: Signature Date: Signature Signature Date: Date: Date: Signature Date: Date: Date: Signature Date: D	SAMPLES	ARE	HELD FO	R 30 DAYS																	
SSS Time: Prifted Natural Marie: Time: Time: Time: Company: Company: All	JISHED BY:	ate:	74	. s	RECEIV ignatury	2 3	12	7	"	× iš 7	ELINQI gnature:	UISHE	D BY:			Date:			RECEIVED BY: Signature		
Company: Company.	dull Borse	W ii.	Bis	1 33	nighed N.		2	122	100	1 0	inted Na	ame:				Time:			Printed Name:		
	ompany: 8&A ENVIRONMENTAL				ompany		1	2	\	Ű	ompany:								Company:		

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

Client: BB=A Environmental Element WO#: A4 F0406 Project/Project #: R. McLean Wilmille IDOIDEC 246	
	UC
Delivery Info: Date/time received: 44 @ 800 By: 55	
Delivered by: Apex_Client \(ESS \) FedEx_UPS_Radio_Morgan_SDS_Evergreen_C	Ythan
From USDA Regulated Origin? Yes No \(\lambda \)	mica
Cooler Inspection Date/time inspected: 4/4/24@ 803 By: J5	
Chain of Custody included? Yes No	***************************************
Signed/dated by client? Yes No	
Contains USDA Reg. Soils? Yes Vinsure (email RegSoils)	
Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 C	'ooler #7
Temperature (°C)	OOICI HI
Custody seals? (Y/N)	
Received on ice? (Y/N)	
Temp. blanks? (Y/N)	
Ice type: (Gel/Real/Other)	
Condition (In/Out):	
Green dots applied to out of temperature samples? Yes No Out of temperature samples form initiated? Yes No Sample Inspection: Date/time inspected: 19 19 19 0825 By: WM All samples intact? Yes No Comments:	
Bottle labels/COCs agree? Yes No X Comments: Don IDCO1-4K-N-11 6/4/24 on 611 Louts, Loc nowls 6/5/24. Don IDCO1-4K- COC/container discrepancies form initiated? Yes No X	5-11 2/2 M. 6/4/24.100
Containers/volumes received appropriate for analysis? Yes X No Comments:	- 6/5/24
Do VOA vials have visible headspace? Yes No X NA X Comments	
Vater samples: pH checked: YesNoNA pH appropriate? YesNoNA pH ID:	
abeled by: Witness: WAS Cooler Inspected by:	-003 R-02 -

Apex Laboratories



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Wednsay, Jeud II, 3230 Sldvd Omh BB&i Euvfchumdula. - t f.nhuvf..d 35I 95 St PaoTway i vd, Sefld #321 t f.nhuvf..d, OR 91212

RE: i 0F2926 - R Mcpdau t f.nhuvf..d - IDC2I DECt80UC

WhauTyhe khoenfur i gdApaxhoalhofdnb t drodaLy aggodcfald yheoxenfudnn aus nlofvd lh gdnvfsd l4d 4fr 4dnLqea.fly ndovfcdn lh l4d duvfchumdula. fusenloyb

Euc.hnds acd L4d cdne.ln hkaua.yndn khowhoT hosdoi 0F2926, w4fc4 wan cdcdfvds xy L4d .axhoalhoy hu 6/6/3230 aL 8:22:22i Mb

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(Sdd Chh.doRdcdfgLFhcm khosdlaf.n)

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W4fn Ffua. Rdghd_fn L4d hlxfcfa. vdonfhu hkl4d sala odne.ln khol4fn namg.d nexmfnnfhu, eu.dnn negdondsds xy a nexndgeduL .axd.ds amdusds odghdb

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AsTg LMpxNMxNTt



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin, 4 r j pTN | RMcLean Wilsonville
PNx3fin, 4 r j pTN | IDC01DEC.24UC
PNx3fin, S MMATN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFORMA	ATION		
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IDC01-COMP1	A4F0906-18	Soil	06/05/24 16:00	06/06/24 08:00
IDC01-COMP2	A4F0906-19	Soil	06/05/24 16:05	06/06/24 08:00

AsTg LMpxNMxNTt

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

OKELAF ID.

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin, 4 r j pTN | **R McLean Wilsonville**PNx3fin, 4 r j pTN | **IDC01DEC.24UC**PNx3fin, S MMxTN | **Steve Omo**

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

	Hydro	carbon Iden	tification So	creen by NWTP	H-HCID			
Ai Mam,T	CNjIsaT R∏tra,	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	DMT Ai Mam Ty	S T,2xy RTch	4 x,Tt
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0213	
HMtxali TRMcTON:MInt	4 D	WW	1bHU	j cz/cyNmi	b	fUrfUrl0 16:00	48 9Pk Wev ID	
DITtTaRMicTON Milnt	4 D	ww	- 0lb	j cz/cyNan	b	fUfUl0 16:00	48 9Pk Wev ID	
OlaRMicTON Milnt	DET	WW	bfG	j cz/cyNan	b	f UxfUx 10 16:00	48 9Pk Wev ID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	1	06/06/24 23:44	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			89 %	50-150 %	1	06/06/24 23:44	NWTPH-HCID	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0213	
HMtxali TRMcTONMIInt	4 D	W	1fh	j cz/cyNnh	b	fUrf7z10 ff:f-	48 9Pk Wev ID	
DITtTaRMicTON:Milnt	4 D	ww	- bh0	j cz/cyNan	b	fUf7zl0ff:f-	48 9Pk WevID	
OlaRMcTON Milnt	4 D	WW	bf6	j cz/cyNnh	b	fUzf7z10 ff:f-	48 9Pk Wev ID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 00:05	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			95 %	50-150 %	1	06/07/24 00:05	NWTPH-HCID	

AsTg LMpxNMxNTt

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 4 r j pTN | RMcLean Wilsonville PNx3In, 4 r j pTN | IDC01DEC.24UC PNx3In, S MIMTN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

	Die	sel and/or O	il Hydrocar	bons by NWTP	H-Dx			
	CMjIsaT	DT,Tn,lxi	RTs xŊli c			DMГ		
AiMam,T	RTtra,	Llj l,	Llj l,	d i 1,t	Dlar,lxi	Ai Mam Ty	S T,2xy RTch	4 x,Tt
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0171	
DITt Ta	4 D	WW	b5HJ	j cz/c yNan	b	f Uzf Uz10 1b:01	48 9Pk WOg	
Oil	43.4	WW	6516	j cz/cyNnh	b	fUxfUx10 1b:01	48 9Pk WDg	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	5 1	06/06/24 21:42	NWTPH-Dx	
IDC01-COMP2 (A4F0906-19RE1)				Matrix: Soil		Batch:	24F0171	
DITtTa	4 D	WW	b5l6	j cz/cyNah	b	fUxf7z10 fG1-	48 9Pk WOg	F W U
Ola	4 D	WW	6GU	j cz/cyNan	b	fUxf7z10 fG1-	48 9Pk WDg	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 08:25	NWTPH-Dx	

AsTg LMpxNMxNTt

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 4 r j pTN | **R McLean Wilsonville**PNx3In, 4 r j pTN | **IDC01DEC.24UC**PNx3In, S MMxTN | **Steve Omo**

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

Gasol	ine Range Hy	drocarbons	(Benzene t	hrough Naphtha	alene) by	NWTPH-Gx		
Ai Mann,T	CMjIsaT R∏tra,	DT,Tn,lxi Llj 1,	RTsxNli c Llj 1,	d i l,t	Dlar,lxi	DMT Ai M m Ty	S T,2xy RTch	4 x,T
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch	: 24F0185	V-15
HMtxali TRMcTON:MInt	4 D	w	- H.5	j cz/c yNnin	- f	fUnfUnl0 bUtfU	4 8 9 Pk WHg (S C)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 94 %	Limits: 50-150 %	1	06/06/24 16:06	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	06/06/24 16:06	NWTPH-Gx (MS)	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch	: 24F0185	V-15
Gasoline Range Organics	35.0	w	- lb7	j cz/c yNnh	- f	fUzfUzl0 bU66	48 9Pk WMg (S C)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 96 %	Limits: 50-150 %	1	06/06/24 16:33	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	1	06/06/24 16:33	NWTPH-Gx (MS)	

AsTg LMpxNMxNTt



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin, 4 r j pTN | IDC01DEC.24UC
PNx3fin, 5 MMxTN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

		BTEX Co	mpounds b	y EPA 8260D				
Ai Mann,T	CMjisaT R∏tra,	DT,Tn,lxi Llj l,	RTsxNli c Llj l,	d i 1,t	Dlar,lxi	DMT Ai Mam Ty	S T,2xy RTdn	4 x,T
IDC01-COMP1 (A4F0906-18)		Matrix: Soil		Batch:	24F0185	V-15		
ВТі . Ті Т	4 D	WW	bbl0	rcz/cyNnh	- f	funfunlo bufu	-f6-AzGlUfD	
9xar Ti T	4 D	WW	- U15	rcz/cyNnin	- f	fUxfUxl0 bUtfU	-f6-AzGlUfD	
E,2mpTi . Ti T	4 D	ww	1G10	rcz/cyNnn	- f	fuxfux10 butfu	-f6-AzGlUfD	
Xmili Ttu,x,Mi	4 D	WW	G-16	rcz/cyNnn	- f	fUxfUx10 bUtfU	-f6-AzGlUfD	
Surrogate: 1,4-Difluorobenzene (Surr)		Recove	ery: 102 %	Limits: 80-120 %	1	06/06/24 16:06	5035A/8260D	
Toluene-d8 (Surr)			100 %	80-120 %	1	06/06/24 16:06	5035A/8260D	
4-Bromofluorobenzene (Surr)			101 %	79-120 %	1	06/06/24 16:06	5035A/8260D	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0185	V-15
BTi . Ti T	4 D	W	bf16	rcz/cyNnh	- f	fUrfUzI0 bU66	-f6-AzGlUfD	
9xar Ti T	4 D	ww	- bh⁄⁄	rcz/cyNm	- f	f U fU±10 bU66	-f6-AzGlUfD	
Ethylbenzene	52.2	ww	1-16	rcz/cyNmi	- f	fUrUn0 bU66	-f6-AzGlUfD	M-04
Xylenes, total	490	WW	77 H U	rcz/cyNnh	- f	fUnfUnl0 bU66	-f6-AzGlUFD	
Surrogate: 1,4-Difluorobenzene (Surr)		Recove	ery: 103 %	Limits: 80-120 %	1	06/06/24 16:33	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %	1	06/06/24 16:33	5035A/8260D	
4-Bromofluorobenzene (Surr)			96 %	79-120 %	1	06/06/24 16:33	5035A/8260D	

AsTg LMpxNMxNTt

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

PNx3In, 4 r j pTN | **R McLean Wilsonville**PNx3In, 4 r j pTN | **IDC01DEC.24UC**PNx3In, S MMxTN | **Steve Omo**

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

		Pe	ercent Dry We	eight				
Ai Man,T	CNjIsaT R∏tra,	DT,Tn,lxi Llj l,	RTs xŅli c Llj l,	d i l,t	Dlar,lxi	DMT Ai Mam Ty	S T,2xy RTch	4 x,Tt
IDC01-COMP1 (A4F0906-18)				Matrix: So	24F0184			
% Solids	90.8	W	blff	%	b	fU r 7z10 fU-b	EPA OFFFD	
IDC01-COMP2 (A4F0906-19)				Matrix: So	24F0184			
% Solids	93.5	W	blff	%	b	fUaf7z10 fU-b	EPA OFFFD	

AsTg LMpxNMxNTt

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PMtT7 xo1f



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

PNx3In, 4 r j pTN | RMcLean Wilsonville
PNx3In, 4 r j pTN | IDC01DEC.24UC
PNx3In, S MMATN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

		Hyd	rocarbon lo	dentificati	on Scree	en by NWT	PH-HCIE)				
Ai MamgT	RTtra	DT,Tn,lxi Llj 1,	RTsxŅli c Llj l,	dil,t	Dlar,lxi	Csl/T Aj xri,	Cxr NaT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,T
Batch 24F0213 - EPA 3546 (Fu	ıels)						Soil					
Blank (24F0213-BLK1)		PNTs MNTy:	fUzfUzl0 b0:	b7 AiMam	Ty: fUzfUzl	0 b5:b0						
NWTPH-HCID												
HMfxali TRMicTON Milnt	4 D	WW	1f lf	j cz/c w	Γ, b	WW	WW	WW	WW	WW	WW	
DITt TaRMcT ON MInt	4 D	WW	-flf	j cz/c w	Γ, b	WW	WW	WW	WW	WW	WW	
OlaRMcTON:Milnt	4 D	WW	bff	j cz/c w	Г, в	WW	WW	WW	WW	WW	WW	
Surr: o-Terphenyl (Surr)		Reco	very: 111 %	Limits: 50-	-150 %	Dilu	tion: 1x					
4-Bromofluorobenzene (Surr)			111 %	50-	150 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

PMtTGxo1f



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PN:3Ih,: RMcLean Wilsonville
PN:3Ih, 4 r j pTN IDC01DEC.24UC
PN:3Ih, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

		D	iesel and/d	or Oil Hyd	rocarbor	s by NW1	PH-Dx					
Ai Mam,T	RTtra,	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr NnT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,Tt
Batch 24F0171 - EPA 3546	(Fuels)						Soil					
Blank (24F0171-BLK1)		PNIs MNIy:	fUnfUnlof-:	:f- AiMam	Ty: fUzfUzl	0 fGb5						
NWTPH-Dx												
DITt Ta	4 D	WW	1f lf	j cz/c w	Г, b	WW	WW	WW	WW	WW	WW	
Ola	4 D	WW	0flf	j cz/c w	Г, в	WW	WW	WW	WW	WW	WW	
S li T M aOla	4 D	WW	0flf	j cz/c w	Г, в	WW	WW	WW	WW	WW	WW	
Surr: o-Terphenyl (Surr)		Recov	very: 102 %	Limits: 50-	-150 %	Dilı	ution: 1x					
LCS (24F0171-BS1)		PNIs MNIy:	fUzfUzl0 f - :	:f- AiMam	Ty: fUzfUzl	0 fG0b						
NWTPH-Dx												
DITt Ta	blf	WW	1f lf	j cz/c w	Г, в	b1-	WW	5U	6GWb61%	WW	WW	
Surr: o-Terphenyl (Surr)		Recov	very: 107 %	Limits: 50-	-150 %	Dilı	ution: 1x					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

PMtT5 xo1f



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3Ih,: R McLean Wilsonville
PNx3Ih, 4 r j pTN IDC01DEC.24UC
PNx3Ih, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

	Gasoli	ne Range H	lydrocarbo	ns (Ben	zene thro	ugh Naph	thalene) l	by NWT	PH-Gx			
Ai MangT	RTtra	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dl a ,lxi	Csl/T Aj xri,	Cxr NnT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,T
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		PNTs MNTy:	fUnfUnl0f5:	ff AiMam	Ty: fUzfUzl	0 b1:f1						
NWTPH-Gx (MS)												
HMtxali TRMicTON Milnt	4 D	WW	- lf f	j cz⁄c v	vT, - f	WW	WW	WW	WW	WW	WW	
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 5	0-150 %	Dilı	tion: 1x					
1,4-Difluorobenzene (Sur)			106 %	50	0-150 %		"					
LCS (24F0185-BS2)		PNTs MNTy:	fUzfUzl0f5:	ff AiMam	ıTy:fUzfUzl	0 bb:6-						
NWTPH-Gx (MS)												
HMtxali TRMicTON Milnt	16 lb	WW	- lf f	j cz/c v	vT, - f	1-lf	WW	51	Of Wolf%	WW	WW	
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 5	0-150 %	Dilı	tion: 1x					
1,4-Difluorobenzene (Sur)			105 %	50	0-150 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PN:3In,: RMCLean Wilsonville
PN:3In, 4 r j pTN IDC01DEC.24UC
PN:3In, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

			BTEX	Compou	nds by E	PA 8260D)					
Ai Mam,T	RTtra,	DT,Tn,lxi Llj 1,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr NiT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,Tt
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		PNTs MNTy:	fUrfUrl0f5	ff AiMam	Ty: fUzfUz1	0 b1:f1						
5035A/8260D												
BTi . Ti T	4 D	WW	bflf	rcz/cw]	, - f	WW	WW	WW	WW	WW	WW	
9xar Ti T	4 D	WW	-flf	r cz/ c w]	, -f	WW	WW	WW	WW	WW	WW	
E,2mpTi . Ti T	4 D	WW	1-lf	r cz/ c w]	, -f	WW	WW	WW	WW	WW	WW	
XmaTi Ttu,x,Ma	4 D	WW	7 - lf	r cz/ c w]	, - f	WW	WW	WW	WW	WW	WW	
Surr: 1,4-Difluorobenzene (Surr)		Recov	very: 103 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			100 %	79-	120 %		"					
LCS (24F0185-BS1)		PNIs MNIy:	fUzfUzl0f5	:ff AiMam	Ty: fUzfUzl	0 bf:0b						
5035A/8260D												
BTi . Ti T	bf-f	WW	bflf	r cz/ c w]	, -f	bfff	WW	bf-	Of Wolf%	WW	WW	
9xar Ti T	57U	WW	-flf	r cz/ c w]	, -f	bfff	WW	5G	Of Wb1f%	WW	WW	
E,2mapTi . Ti T	bfbf	WW	1- lf	r cz/ c w	, -f	bfff	WW	bf b	Of Wolf%	WW	WW	
XmaTi Ttu,x,Ma	6fbf	WW	7 - lf	rcz/cw]	, -f	6fff	WW	bf f	Of Wb1f%	WW	WW	
Surr: 1,4-Difluorobenzene (Surr)		Recov	ery: 102 %	Limits: 80	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			96 %	79-	120 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

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PNx3In, 4 r j pTN | IDC01DEC.24UC
PNx3In, S MMATN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

	Percent Dry Weight											
Ai MamgT	RTtra,	DT,Th,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr NaT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,Tt
Batch 24F0184 - Total Solids	(Dry Weigh	nt) - 2022					Soil					
Duplicate (24F0184-DUP8)		PNI's MNI'y	: fUzfUzl0 b5:	1- AiMan	n Ty: f Uzf 7z1	0 fU - b						
QC Source Sample: IDC01-COM EPA 8000D	IP1 (A4F090	<u>6-18)</u>										
% Cxalyt	89.0	ww	blf f	%	b	WW	5flG	WW	WW	1	bf%	

AsTg LMpxNMxNTt



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PN:3In, 4 r j pTN IDC01DEC.24UC
PN:3In, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

SAMPLE PREPARATION INFORMATION

		Hyschcaoxhu	Isdulfkfcalfhu Scodo	luxyNtWPH-HCID			
Padg: EPi 7506 (Fe	ed.n)				CM∫lsáT	DTo M a,	RL PNs
LMp/4rjpTN	S MMg	S T,2xy	CM∕lsaTy	PNIs MNIy	Iil,1Mab∓liMa	Ii1,1MaÆF1iMa	FMi,xN
Balc4: 30F23l 7							
A0Ff5fUWG	Cxla	4 8 9 Pk Wev ID	fUzf-zl0bUff	f Uzf Uzl 0 b-:11	bflbCczbfj L	bfczbfj L	floG
A0Ff5fUNV5	Cxla	489PkWvID	fUzf-zl0bUf-	fUxfUzl0 b-:11	bfh0bczbfj L	bfczbfj L	f lf U
		Dfdnd. aus	/hoOf. Hyschcackhu	ın xy Nt WPH-DA			
<u> Padg: EPi 7506 (Fe</u>	<u>ed.n)</u>				CMjIsaT	DTo M a,	RL PNs
LMp 4 rj pTN	S M N Ig	S T,2xy	CM∕lsaTy	PNIs MNIy	Iil,lMazFliMa	Iil,lMa2FliMa	FMi,xN
Balc4: 30F2 1		·		·			
A0Ff5fU W G	Cxla	48 9Pk W Dg	fUzf-zl0bUff	f Uzf Uzl 0 b7:06	bbhlbcz-j L	bfczj L	fk05
A0Ff5fUW5REb	Cxla	48 9Pk WDg	fUf-zl0bUf-	f Uzf Uzl 0 b7:06	bblf5cz-j L	bfcz-j L	flof
	Gar	nh.fud Raur d Hyschcao	khun (Bduzdud L4ch	er 4 Nag4l4a.dud) x	y Nt WPH-GA		
<u>Padg: EPi 5275i</u>					CNyIsaT	DTo M a,	RL PNs
LMp4rjpTN	S MMg	S T,2xy	CNjIsaTy	PNIs MNIy	Iil,lMazFliMa	Iil,lMa2FliMa	FMi,xN
Balc4: 30F2l 85							
A0Ff5fUWG	Cxla	48 9Pk WHg (S C)	fUzf-zl0bUff	fUxfUzl0 bf:00	-h6bczjL	-cz-j L	f160
A0Ff5fUW5	Cxla	4 8 9 Pk WHg (S C)	fUxf-zl0bUf-	fUfUd0 bf:00	-h0czjL	-cz-j L	flof
		BW	EX Chmgheusn xy E	EPi 8362D			
Podg: EPi 5275i					CMyIsaT	DTo M a,	RL PNs
LMp 4 rj pTN	S MNg	S T,2xy	CMI saTy	PNTs MTV	Iil,1Ma2FliMa	Ii1,1MaÆF1iMa	FM1,xN
Balc4: 30F2 85							
A0Ff5fUWG	Cxla	-f6-AzGlUfD	fUzf-zl0bUff	fUxfUxl0 bf:00	-16bcz-j L	-cz-j L	f160
A0Ff5fUW5	Cxla	- f6- AzGlUfD	fUzf-zl0bUf-	fUxfUxl0 bf:00	-h0czjL	-cz-j L	flof
			PdocduLDoyt d	fr 4L			
Podg: Wila. Sh.fsn (E	Doyt dfr4L)-3	233			CMjIsaT	DTo M a,	RL PNs
LMp 4 rj pTN	S MNg	S T,2xy	CMJ sáTy	PNIs MNIy	Iil,lMa2FliMa	Ii I,lMaEFIi Ma	FM1,xN
<u>Balc4: 30F2 80</u> A0Ff5fU W G	Cxla	EPA GfffD	fUxf-zl0bUff	fUxfUxl0 b5:1-			4 A
A0Ff5fUW5	Cxla	EPA OFFD	fUzf-zl0bUf-	f Uzf Uzl 0 b5:1-			4 A

AsTg LMpxNMxNTt

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PNx3fin, 4 r j pTN | IDC01DEC.24UC
PNx3fin, S MMATN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-26 RTtra, ox NDITtTa (DITtTa RMicTON; Milntuv b I W b G) lt yr T, x xe ThiM obij HMixali Tx NMHMixali TR MicTs Niyrn, h

M-04 Dr T, x j MNg li, TN5TNi nTu, 2lt MiMmT nMi x, p T Minr NMTamQ; Mi, ld Tyh9 2 T Nis x NTy Ntra j Minxi, Mi M2 lc 2 plMth

V-15 CŊſ saʿTMdQrx, wMd trptŊſ saʿIyoNtj ,2TtŊſ saʿTnxi,MliTNli ,2TaŊoxNMcNhh92TtrptŊſ saʿIy MdQrx, wMd s NltTNc˙Ty li ,2TaŊoxNMcNhwl,2li

0G2xrN xotNJ salich

AsTg LMpxNMxNTt

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PNx3In, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DE9 Ai Man, TDE9 Ev 9 ED M, xNM, xeT, 2TyT, Th, 1xi xNN s xNI i c alj 1, h

4D Ai Man, T4 O9 DE9 Ev 9 ED M. xNM xe T, 2TyT, Tn, lxi xNNs xNli c alj l, h

4 R RTtra 4 x, RTsxNTyh

RPD RTAMLET PTINITI, DIOTINI nTh RPDt oxNS MNg Cs1/Tt Mty S MNg Cs1/TDrs ann Mt MXT pMtTy xi nxi nTi, NMxi ui x, Ninxe TNth

Detection Limits: Limit of Detection (LOD)

Llj l,t xoDT,Th,lxi (LODt) MTixNj MamtT, M,MaTeTaxoxiT2Mo,2TeMayMTyLlj l, xoqrMi,l,M,Ixi (LOq)h Ioix eMarTlt alt,Ty ('WWW,u,2Ti ,2TyM,M2Mtix, pTli TeMarMTy pTaxw ,2TRTsxNlicLlj l,h

Reporting Limits: Limit of Quantitation (LOQ)

 $VM_1yM_1yM_1yM_1yM_1x_1(LOqt)\ MTN_3xN_1yM_1,2TRT_3xN_1icLlj\ 1,t\ oxNManM1MantTt\ w2TN_2TLOquS\ RLuPqLxNwRLMTNQTt,Tyh92TLOqN_3N_1ti,t\ MaieTaM_xNMpxeT,2Taxwsxli,xo,2TnMalpNM_1xi nrNeTu,2M_2M1pTti eMalyM_1yM1xNylic,xAsTg LMpxNMxNTt'nxj sN2TitleTLOqsxalnTt M1ysNnTyrNth$

Reporting Conventions:

BMILL: RTtrat oxNtxlatMLsaft MTcTi TMamNsxNTy xi Moff% yNnwTlc2, pMIlth

92T RTtra, BMIlt lt alt, Ty oxaaxwli c ,2Tril,t MI " yNdd'u" wT, "uxN" " (paMi/) yTtlci Mixi h

"ynhi" Chi saT Ntra,t My RTsxnlic Llj 1,t MT Nsxnly xi Mynhw Tlc2, philth(lliTh "rcz/c ynhi")

CTT PTNnTi, Cxalyt tTn,lxi oxNyT,Mfat xoyNnwTlc2, MiMntlth

"wT," CNjísaTNtra,t Míy RTsxNjíc Llj l,t oxN,2lt MiMantlt MNTixNjí MamyNhwTlc2, nxNNin,Tyupr, 2MsTix, pTli j xyldTy li ,2lt nMTh

"___" RTtr at wl,2xr, 'wT,' xNyNih yTtlci Mxi MT i x, i xNj MamyNinwTlc2, nxNTn,Tyh92TtTNtr at MT nxi tlyTNY 'At RTnTleTy'h

OC Source:

Ii nMtTt w2TNT,2TNT1t litrochnlTi, tMjt saTs NxelyTy ox NCMjt saT DrsahnMft MityzxNS MNg Csl/TtuMLMp v xi, NxaCMjt saT DrsahnMT (Lv C Drs) j MnpT MiMam Ty, x yTj xit, NMtT Manr NMam Mity s Nihtlxi xo,2TTg,NMt,lxi pMn2h

4 xi WaTi, BMn2 qv CMisaît (DrsalnMît Miy S MNg Csl/TzDrsalnMît) MNix, li naryTy li ,2lt NisxNhPaîlMfTNQrTt, MFraaqv NisxNy lo,2lt yMMt NQrlNyh

Miscellaneous Notes:

"WW qv Ntrat MNTix, Masaln Mpfallh FxNTgNja safu% RTinxe TNTt ox NBaNil/t May Drsaln Miltu% RPD ox NBaNil/tuBaNil/Csl/Tt May S Ming Csl/TtuT, nh

"***" dtTy,x liylnMTMsxttlpáTyltnNsM1nmwl,2,2TCMj sáTMjy CNji sáTDrsalnMTNtrat w2Ti,2T%RPD lt ix, MsMaNjáTh li,2lt nMTu TI,2TN,2TCMj sáTxN,2TCMj sáTDrsalnMT2Mj MNsxNMjáTNtra, oxN,2lt MjManjTuw2láT,2Tx,2TNlt 4 xi DT,Tn, (4 D)h

Blanks:

C, MigMMy s Noni, In Tit, x TeMar MT, 2T Ntr at oNcj. BaMi/q v CNji sált yxwi, x Mále Ta TQr Ma, x xi T2 Mooxo, 2T RTs x Nii c Lij l, (RL)h BaMi/Ntr at ox Nc Noalij T, Nin Mi Mant Tt MM Te Mar MTy, x, 2T RTs x Nii c L Te Tauix, ,x 2 Mooxo, 2T RTs x Nii c L Te Tah WF x NBaMi/2l, t oMail c p T, w Tii $\frac{1}{2}$, 2T RL My, 2T RL (J oAMic Ty 2l, t)u, 2T Mt x nl MIy t Nji sált Miy q v y MM wlaa Nin Tle TM B W71 'Qr Mald TNis WF x NBaMi/2l, t Nji x e T, 2T RL u, 2T Mt x nl MIy t Nji sált Miy q v y MM wlaa Nin Tle TM B'Qr Mald TNis TNAs Tg L Nji x Nji Nii Y BaMi/P xal nmh

AsTg LMpxMxNTt

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PNx3In, S MMxTN Steve Omo

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

CMJ saTNtrat caMcCTy wl,2 MB'xNBW1'Q'MddTNMTsx,Ti,lMamplMTY2lc2 lo,2TtMJ saTNtrat MTaitt,2MJ,Ti,lj Tt,2TaieTaoxriy li,2TpaMJ/oxNxiMIn MIMantTtuxNaitt,2MJ deT,lj Tt,2TaieTaoxriy li,2TpaMJ/oxNxiMIn MIMantTtuxNaitt,2MJ deT,lj Tt,2TaieTaoxriy li,2TpaMJ/oxNxNiMIn MIMantTth

'B'MJy 'BW1'Q'MddnMJxit MTxiamMsadTy,xtMJ saTNtrat yT,Tn,Ty MyxeT,2TRTsxNJic LTeTah

Preparation Notes:

S 1gTy S MNg CM salt:

8 MINCMI salt:

8 MINtNJ saft nxi, Mailic tleildnM, Mj xri, txotTylj Ti, MTyTnM, TyxNtTsMM, TyxNtTsMM, TyxNtTsMM, lxiuMjyxiam, 2TwM, IxiuMjyxiam, 2TwM, 2Tw

CxlaMy CTylj Ti, CM salt:

Cxla Miy CTylj Ti, tNji salt nxi, Mili c tlcildn Mi, Nji xri, t xow MINMT y Th Mi, Ty s Nix N, x Tg, Mai, lxi u Miy xi am, 2T txaly sx Njixi Mi Mam Tyuri altt x, 2T Nwit Tyl Nin, Ty pm, 2T nal Ti, h

Sampling and Preservation Notes:

v TŅMi Nīcravķīnins Nicravķīnins Nicravķīnin

DMMrtTNit2xray pT MwMnTxow2ln2 NicraMxitsTNMi, x,2TtMjisált,2Timtrpj l, oxN,Tt,lichloNaA/llytMjisálTnxaáln,lxi Ma,lel,lTt MxTix, Mas NiceTy oxNMs MylnraNnNocraMxnMns NicNyliuNtrat t2xray pT nxitlyTNy Tt,lj M/lthAs Tg LMpxNMxNTt wlaa Qr Malom,2TtTMiMam,Tt ManxNylic, x,2T jxt,t,NicTi, NQrlNj Ti,tu2xwTeTNNtrat oxNtMjsált,2M,MxToxNixiWTcraMxnMnsrNsxtTt j ManpTManTs,Mpálh

CMJ saft ,2M,2McTpTTi da,TNy MJy sNtTNcTy M,AsTg LMpxNMxNTt sTNnaTi , NQ:Tt , MNTat ,Ty li ,2TsNsMMxxi tTn,lxi xo,2TNsxN wl,2 ,2TyMT MJy ,li Txoda,NMxi at ,Tyh

As Tg LMoxNMxNTIT j Mi, Mit yT, Maily NinxNyt xi tMi sall NinTis, ulinarylic nalTi, aMyTae TNonMxiunxxalN_Tj s TNon NiutMi sall's NitTNeMxiu2xay . Ij Tnxj salMinT Niv olTav ola Nouxi hDMMt QrMadTy Mii TnTttMbhuNiy, 2TaNu/xo QrMadnMxi liylnMit nxj salMinT wl, 2 NiQrlNiv s NBMi T, TNih

AsTg LMpxMxNTt

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LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) EPA ID: OR01039

Aaaj T,2xyt Miy MiMamTt NisxNTy oʻxij wxN s TNxNji Ty MAsTg LMpxNMxNTt MTli naryTy xi AsTg LMpxNMxNTt' ORELAP CnxsTxovTNJldnMxi uwl,2,2T<u>TgnTs,lxi</u> xo MimMiMamT(t) alt,Ty pTaxw:

Apex Laboratories

S MNg Ai Mantlt 94 I_ID Ai ManT 94 I_ID AnnNyl,Maxi

<u>AæNsxNTv MiMam Tt MNT li nar vTv li As Tg LMaxNMxNTt' nr NNTi , ORELAP tnxs Th</u>

Secondary Accreditations

As Tg LMpx MxNTt Matx j Mti, Mtit Ninls NxnMaMnnNyl, Mlxi wl,2 ixi W/4 It, MIt (8 Mt2lic, xi DOE) uMf w Taa Mf x,2TNt, MT ts Tnlchn MnnNyl, Mlxit ix, alt, Ty 2 TNth

Subcontract Laboratory Accreditations

Crpnxi, NMI, TyyMNoMaetxr, tlyTxoAsTgLMpxNMxNTt'CnxsTxoAnnNyl, Mlxih
PáIMITtTT, 2TCrpnxi, NMI, LMpxNMxNmNSxN, oxNoraayT, MaetuxNnxi, MI, mxrNPNx3Tn, SMIMITNoxNj, xNT lioxNj, Mlxih

Field Testing Parameters

RTtratoxNFlTay 9Tt,TyyMMMTsNteyTypm,2TnalTi,xNtMjsaflNuMjyoMaxr,tlyTxoAsTgLMpxNMxNTt'CnxsTxoAnnNYl,Mlxih

AsTg LMpxMxMTt

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Report ID: A4F0906 - 06 11 24 1216

Company: BB&A Environmental	505-718-23	12232 S.W. Garden Place, Tigard, OR 97223 Ph. 503-718-2323 Fax: 503-718-0333	. 503-7	78-03	33												i i	
	Project Mgr:		Steve Omo	omo				۔	roject N	Vame:	RM	cLean	Project Name: R McLean Wilsonville			Prc	Project# IDC01DEC.24UC	.24UC
Address: 25195 SW Parkway Ave. #207, Wilsonville, OR 97070	070					Phone:		503-570-9484	-9484		Fax:			Ш	Email:	est.	<u>smomo@bbaenv.com</u>	
Sampled by: Steve Omo												AN,	ANALYSIS REQUEST	Sant	_			
Site Location: OR WA	•		INEKS					SOC 8	sH.		est	(8)	Be, Cd Fe, Pb		(0)			
AAMPLE ID #	TIME	MATRIX	# OF CONTA	NWTPH-HCI	NWTPH-Dx NWTPH-Gx	N + X318	8260 RBDM	8760 VOCs 8260 Halo VO	A4 MIS 0728	8082 PCBs	8081 Chlor, P	RCRA Metals	Priority Metal Al, Sb, As, Ba, Ca, Cr, Co, Cu, Ig, Mg, Mn, M	1g, Mg, Mn, M 5c, Ag, Na, T1, TCI B Motele	TCLP Metals	Z-0071		****
DS-2' 64	8:00	s	r	×	<u> </u>				-	_)	-	+	<u> </u>		
DC01 - I4 - DM-2' 6442024	8:15	s	m	×				-	-					+	<u> </u>			
DC01 - I4 - DN-2" 64/2024	\$:25	s	ъ	بر	-					Ц				-	-	_		
IDC01 - 13 - DN-3* 644/2024	\$ 9:35	S	ო	×														
IDC01 - I3 - DS-3' 64/2024	9:30	S	m	×										\dashv	\vdash			
IDC0111-DN-2.5' 6/4/2024	10:55	တ	m	×														
IDC01 - E Elbow PL-2' 6/4/2024	8:40	ဟ	m	×											\vdash	Ш		
IDC01 - PL-3/4N-2' 6/4/2024	1 11:25	S	6	\searrow	\dashv		\dashv		-							_		
IDC01 PL-3/4M-2' 6/4/2024	11:30	S	က	x										\dashv	-			
IDC01 - PL-2/3-3' 6/4/2024	11:15	S	6	×					_									
IDC01 - PL-1/2-2.5" 6/4/2024	11:10	S	8	$ \forall$	\dashv		-		_			1		\dashv	-			
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Company: BB&A ENVIRONMENTAL		Company	is .	T	ő		O	Contpany:	ę								Company:	

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PN:3Ih,: RMcLean Wilsonville
PN:3Ih, 4 r j pTN IDC01DEC.24UC
PN:3Ih, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

Company: BRANCHOMMON No. 1997.37 Ph. 2017 Ph.																		La	# 9	H	Lab # AYF0106				
Project Name R Md. Project	12232 S.W. Garden Place, Tigard,	OR	97233 Ph	:: 503-7	18-2323	Fax: 5t	93-718	-0333																	
1200-X 1	- 1			P.	ject Mgr.		ve Cmo					Projec	ct Nam	e: R	McLe	an Wi	sonville			Projes	t# IDC0	IDEC.2	IUC		
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1700-Z 1700-Z 1711 1700-COLS 1700-Z 1711 1700-COLS 1700-Z 1712 1700-Z 1713 1700-Z 1714 1700-Z 1715 1700-Z 1700-Z 1715 1700-Z 1	Sampled by: Steve Omo	ŀ							X						¥	NALY	SIS REQ	UEST							
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Selected 17-80 S 3 X	SAMPLE ID																Ca, Cr, Co, C Ig, Mg, Mn,			Z-0071			N N N	*	
Seizera 15:40 S 3 X	IDC01 - E2DK - M - 15'		6/4/20	<u> </u>	7:00	-				-			-	ļ	<u> </u>							<u></u>			┼-
Signature: Sig	DC01 - E20K - S - 13.5'		6/4/20		7:15																		-		L
615/2024 17:10 S 3 X Company;	DC01-4K-N-11'	\dashv	6/5/20		5:40									\vdash									-		
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615/2024 17:10 S 1 X X T T T T T T T T	IDC01-6K-S-11	+	6/5/20	-	7:00	-+	\preceq						\dashv	\dashv	4							1	\dashv		
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Company:	dull	F	BiO.	9	3	Tiffed Nam	\$	#	1	3	Printe	od Name	15				Time:				Printed	Name:			
SB&A EVVIRONMENTAL	Company: BB&A ENVIRONMENTAL				0	ompany:	\	1	12		Comp	emy:		100 100						á	Compa	ığ:			

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Apex Laboratories, LLC

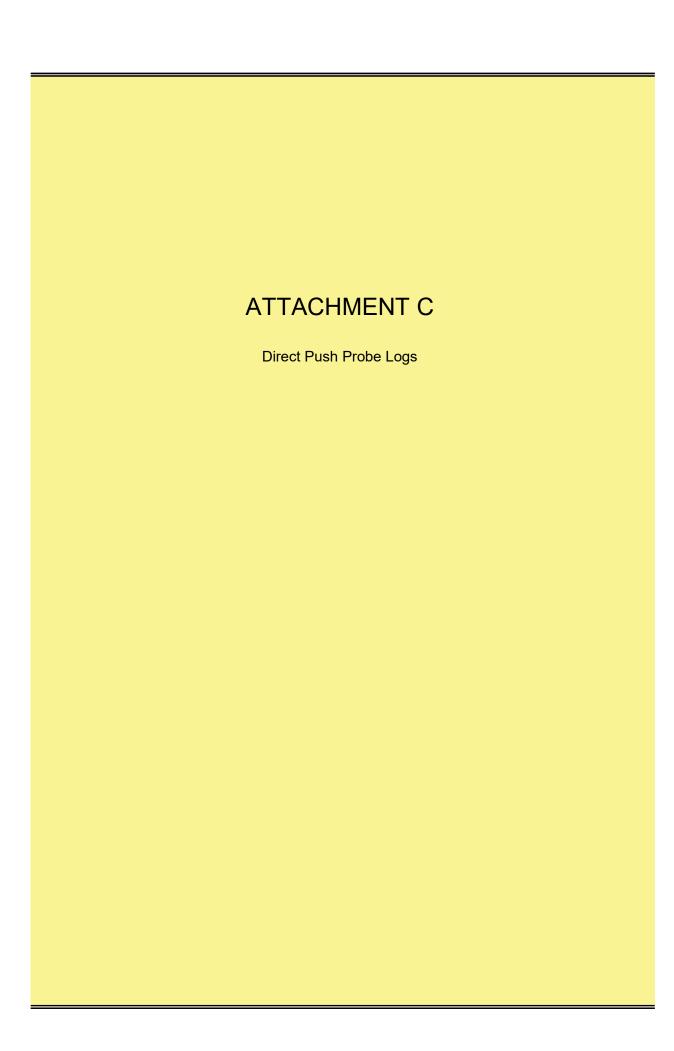
6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PN:3In, 4 r j pTN | R McLean Wilsonville
PN:3In, 4 r j pTN | IDC01DEC.24UC
PN:3In, S MM:7TN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

APEX LABS COOLER RECEIPT FORM	
Client: BB=A Environmental Element WO#: A4 F0406	
Project/Project #: R. McLean Wilsonville 10010EC,244C	
Delivery Info: Date/time received: La	
Green dots applied to out of temperature samples? Yes No Out of temperature samples form initiated? Yes No Sample Inspection: Date/time inspected: ig y y w wow with a comment with a co	
Bottle labels/COCs agree? Yes No χ Comments: D on $IDCOI-4K-N-11$ reads $6/4/24$ on $6000000000000000000000000000000000000$	8 /z Med voas
Containers/volumes received appropriate for analysis? Yes X No Comments:	reads 15/24
Do VOA vials have visible headspace? Yes No NA X	
Water samples: pH checked: Yes No NA pH appropriate? Yes No NA pH ID:	
Labeled by: Witness: Webb Cooler Inspected by: Why Form Y-003 R-02	

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PROBE NO.:	DP-1
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 10'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
DEPTH (feet) - 0 5 10 - 15 20	DP1-I2-DN-8.5'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	H ₂ O LEVEL	- Silty CLAY (CL): brown, with occasional gravel, slightly plastic, firm, no petroleum odor or staining	LITHOLOGY	DEPTH (feet) 0	PROBE ABANDONMENT
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PROBE NO.:	DP-2
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 10'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
		0.0		- GRAVEL (GP): pea gravel		L°	
∐⊦		0.0				-	
IJ⊦		0.0				-	
IJ⊦		0.0				-	
IJ⊦		0.0				-	
5		0.0				– 5	
-		0.0				 	
-		0.0				 	
∐ ⊦	DP2-I2-DS-8.5'	0.0				-	
IJ⊦	DI 2-12-03-0.5	0.0		- Silty CLAY (CL): brown, with occasional gravel, slightly plastic, firm, no petroleum odor or		-	
10		0.0		staining		<u> </u>	
IJŀ						-	
IJ⊦						-	
IJ⊦						-	
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- 15						<u> </u>	
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PROBE NO.:	DP-3
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 5'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H ₂ 0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
(feet)	DP3-PL Trench-3'	0.0 0.0 0.0 0.0 0.0	LEVEL	- GRAVEL (GP): pea gravel - Silty CLAY (CL): brown, slightly plastic, firm, no petroleum odor or staining		- 0 5 10 15 20	ABANDONMENT
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PROBE NO.: DP-4

PROJECT CODE: IDC01DEC.24UC

CADD FILE: IDC01-L.DWG

PROJECT: INTERSTATE DISTRIBUTION CO.,

LOCATION: 10110 RIDDLER ROAD

WILSONVILLE, OREGON

TOTAL DEPTH: 18'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
 -°		0.0		- GRAVEL (GM): fill, 3/4"-, silty	AAAA	_ °	
-		0.0					
-		0.0				-	
-		0.0				ŀ	
-		0.0		- GRAVEL (GP): pea gravel		-	
 - 5		0.0			000000	<u> </u>	
-		0.0				-	
-		0.0				-	
-		0.0				-	
-		0.0				-	
10		0.0			000000	10	
-		0.0			000000	ŀ	
-		0.0				-	
-	DP4-E20K-N-13.5'-14'	0.0		- CLAY (CL) brown & gray eilty elightly plactic	000000	-	
-	DF4-E20K-N-13.3 -14	0.0		 CLAY (CL) brown & gray, silty, slightly plastic, firm, occasional gravel, no petroleum odor or staining, no groundwater 		-	
- 15		0.0		staining, no groundwater		15	
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PROBE NO.:	DP-5
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 18'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
(feet)	DP5-W20K-N-13.5'-14'	PID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	H₂O LEVEL	- CLAY (CL) brown & gray, silty, slightly plastic, firm, occasional gravel, no petroleum odor or staining, no groundwater.	LITHOLOGY	(feet) 0	PROBE ABANDONMENT
_ 20 _ _ _ _ _ _ 25						- 20 25	

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PROBE NO.: DP-6
PROJECT CODE: IDC01DEC.24UC

CADD FILE: IDC01-L.DWG
PROJECT: INTERSTATE DISTRIBUTION CO.,
LOCATION: 10110 RIDDLER ROAD
WILSONVILLE, OREGON

TOTAL DEPTH: 18'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
- o		0.0 0.0 0.0 0.0 0.0		- GRAVEL (GM): fill, 3/4"-, silty - GRAVEL (GP): pea gravel		0	
- - - - - 10		0.0 0.0 0.0 0.0 0.0				- 5 - - - -	
- - - - 15	DP6-W20K-M-13.5'-14'	0.0 0.0 0.0 0.2 0.0		- CLAY (CL) brown & gray, silty, slightly plastic, firm, occasional gravel, no petroleum odor or staining, no groundwater		- - - - 15	
- - - - 20		0.0				- - - - 20	
						- - - - 25	

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PROBE NO.:	DP-7
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 20'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

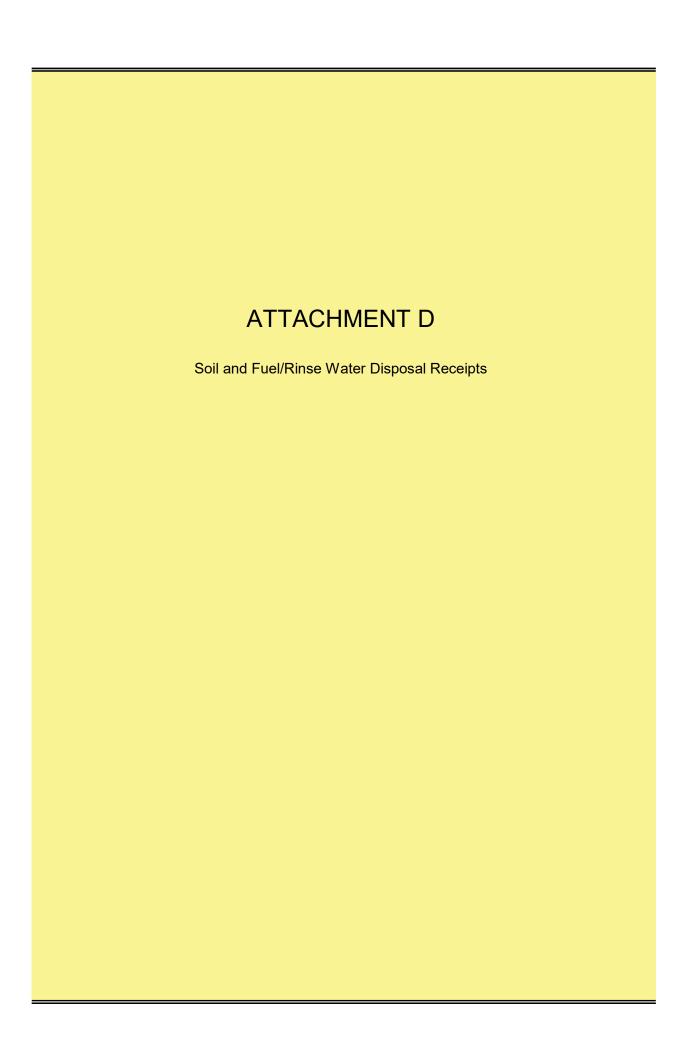
DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
- 10 - 15 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	DP7- W 20K-S-13.5'-14'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		- GRAVEL (GM): fill, 3/4"-, silty - GRAVEL (GP): pea gravel - CLAY (CL) gray, grades into brown, slightly plastic, firm, occasional gravel, slight fuel odor @ 13.5' BLS, no odor or staining below 14', no groundwater		- 0 - 5 - 5 - 10 - 15 - 20 - 25	

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NOTES:	





A	NON-HAZARDOUS 1. Generator ID No	umber	2. Page 1 of	3. Emerge	ncy Response	Response Phone 4. Waste Tracking Number					
		COURED	1		7-5691			77420			
	10110	PENALVELL SAVEDOER ROAD MALLE LYE STIDE					nan mailing addr				
	Generator's Phone:	downtratile at lettering					1.0				
	6. Transporter 1 Company Name						U.S. EPA ID	Number			
		PRATE DEMENDAL INC.					<u> </u>		/AF10000022	107	
	7. Transporter 2 Company Name						U.S. EPA ID	Number			
	2.1	ERFPERING OU SOUTHERDAD RELIED OR STYLL					U.S. EPA ID		(2(31)(817) i		
	Facility's Phone:							7			
	9. Waste Shipping Name and Description				10. Conta	Type	11. Total Quantity	12. Unit Wt./Vol.			
OB I	1. MATERIAL REST REGULAT	Entrinot (on years (EP)			of the same	-	265				
GENERATOR		î	· · · · · · · · · · · · · · · · · · ·		661	TY	and the same	K's			
I GEN	2.										
	3.	-				. ,					
	4.										
	13. Special Handling Instructions and Additional Info							,			
	1 1100-000-010 - 000-010-010-010-010-010	-9E 1-100-500 (0. 1.13						14 g 8,5			
	ex										
	14. GENERATOR'S/OFFEROR'S CERTIFICATION marked and labeled/placarded, and are in all res	1: I hereby declare that the contents of this	consignment a	are fully and	accurately des	scribed above	by the proper sh	ipping name	e, and are classi	fied, packa	ged,
	Generator's/Offeror's Printed/Typed Name	specis in proper condition for transport acco		nature	lional and nail	onai governin	entai regulations	· · · · · ·	Month	Day	Year
¥	15. International Shipments	¥	1			100		:			
INT	Transporter Signature (for exports only):	U.S.	Export from U	U.S.	Port of en Date leav					24 2	
	Transporter Acknowledgment of Receipt of Materials	erials 🚪			Date leav	illy U.S	~			51	
Ä	Transporter 1 Printed/Typed Name		Sig	gnature			wii_	5	Month	Day	Year
SPC	Sal track								6	ĴĴ	25
TRANSPORTER	Transporter 2 Printed/Typed Name		Sig 	jnature					Month 	Day	Year
A	17. Discrepancy		<u> </u>			12					
	17a. Discrepancy Indication Space Quantit	ty Type			Residue		Partial Rej	ection		Full Rejec	tion
				Manife	st Reference N	Number:					
FACILITY	17b. Alternate Facility (or Generator)						U.S. EPA ID	Number			
FAC	Facility's Phone:										× 1
ATED	17c. Signature of Alternate Facility (or Generator)								Month 	Day	Year
DESIGNATED											
<u> </u>											
	18. Designated Facility Owner or Operator: Certifica	tion of receipt of materials covered by the			Item 17a						
A	Printed/Typed Name		Sig	gnature					Month	Day	Year



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Reprint Ticket# 1721862

' Volume

Customer Name BB AND A ENVIRONMENTAL BB&A E Carrier BB AND A Ticket Date 06/19/2024 Vehicle# JUSTIN Ticket Date 06/19/2024
Payment Type Credit Account
Manual Ticket#

Container Driver Check#

Billing # 0005113 Gen EPA ID 7506

State Waste Code Manifest Destination

Hauling Ticket#

Grid

PO Profile Generator

Route

1428770R (DIESEL FUEL/FUEL OIL CONTAMINATED SOIL) RIDDER ROAD-10110 RIDDER ROAD LLC 10110 SW RIDDER RD WILSONVILLE

Scale

Time In 06/19/2024 11:07:16 Inbound 1 Out 06/19/2024 11:32:44

Operator KSURRATT Outbound LGILLILA

Inbound Gross Tare

Net

Tons

22620 lb 13100 lb 9520 lb 4.76

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	QEY	UOM	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVC-Energy/Adminis		4.76	Tons				CLACK-OUT CLACK-OUT

Total Tax Total Ticket

Driver`s Signature



State Waste Code Manifest NA Destination

Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Reprint Ticket# 1721907

Volume

Customer Name BB AND A ENVIRONMENTAL BB&A E Carrier BB AND A Ticket Date 06/19/2024 Vehicle# JUSTIN Ticket Date 06/19/2024 Payment Type Credit Account Manual Ticket# Container Driver Hauling Ticket# Check# Route

Billing # 0005113 Gen EPA ID 7506

Grid

PO

PO Profile 142877OR (DIESEL FUEL/FUEL OIL CONTAMINATED SOIL) Generator RIDDER ROAD-10110 RIDDER ROAD LLC 10110 SW RIDDER RD WILSONVILLE

Scale Operator Inbound Gross 24700 lb In 06/19/2024 13:42:50 Inbound 2 mmalone2 Out 06/19/2024 14:00:08 Outbound LGILLILA Tare 13080 lb Net 11620 lb Tons 5.81

Comments

Consumer Comments? We want to know. Please call.

Product	L(I)&	Qty	DOM	Rate	75X	Amount	Origin
Cont Soil Pet-RGC- EVC-Energy/Adminis		5.81	Tons	the day was the bit of the bit of			CLACK-OUT CLACK-OUT

Total Tax Total Ticket

Driver's Signature



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Reprint Ticket# 1721925

Customer Name BB AND A ENVIRONMENTAL BB&A E Carrier BB AND A Ticket Date 06/19/2024 Vehicle# JUSTIN

Ticket Date 06/19/2024
Payment Type Credit Account
Manual Ticket#

Container Driver Check#

Billing # 0005113 Gen EPA ID 7506

Hauling Ticket# Route State Waste Code Manifest NA

PO

Profile 142877OR (DIESEL FUEL/FUEL OIL CONTAMINATED SOIL)
Generator RIDDER ROAD-10110 RIDDER ROAD LLC 10110 SW RIDDER RD WILSONVILLE

Destination

Scale

Operator KSURRATT

Inbound Gross 19020 lb

In 06/19/2024 15:46:19 Out 06/19/2024 15:59:25

Inbound 1 Outbound

cduneven

Tare Net Tons

' Volume

13020 lb 6000 lb 3.00

Comments

Consumer Comments? We want to know. Please call.

	duct		Qty	MOM	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVC-Energy/Adminis	100	3.00				AN DESCRIPTION OF THE PERSON O	CLACK-OUT

Total Tax Total Ticket

Driver's Signature



EUGENE 32986 Roberts Court, Coburg, OR 97408 P.O. Box 40187, Eugene, OR 97404 (541) 484-9484

> PORTLAND 25195 SW Parkway Ave., Suite 207 Wilsonville, OR 97070 (503) 570-9484

July 8, 2024

Dave Pardue
Department of Environmental Quality
Underground Storage Tank Program
700 NE Multnomah Street, Suite 600
Portland, OR 97232-4100

RE: UST Decommissioning (by Removal) Soil Sampling

Request for Administrative Closure Interstate Distributor / Ridder Road LLC 10110 SW Ridder Road, OR USTC 03-97-0739 (Closed) / 03-07-0289 (Closed)

UST Facility ID 7506

Dear Mr. Pardue:

On behalf of the Ridder Road LLC, BB&A Environmental (BB&A) is submitting this letter report documenting decommissioning by removal four (4) underground storage tanks (USTs), and petroleum-contaminated soil that was discovered at the former Interstate Distributor facility located at 10110 SW Ridder Road, in Wilsonville, Oregon.

1.0 SITE DESCRIPTION

1.1 Location and Legal Description

The subject property is identified as the Former Interstate Distributing Co (currently Sunbelt Rental) located at 10110 SW Ridder Road, in Wilsonville, Oregon (see **Figures 1, 2,** and **3, Appendix A**). Clackamas County identifies the subject property as tax lots 2400, 2500, 2700 of Map 31W11. The subject property is approximately 30.92 acres in size.

1.2 Subject Property Description

The *subject property* formerly operated as a trucking distribution, administration, and maintenance facility. The *subject property* is developed with a maintenance building, adjoining administrative offices, and surrounding asphalt parking areas. The *subject property* formerly operated two (2) 20,000 gallon diesel underground storage tanks (USTs), one (1) 4,000 gallon motor oil UST, and one (1) 6,000 gallon gasoline UST. The USTs were located directed south of the dispenser islands on the east side of the maintenance building. The eight (8) fuel dispensers were located on four (4) dispenser islands. Three (3) of the fuel islands were covered by a canopy.

1.3 USTs Out of Service Procedures

In 2020, the four (4) USTs at the *subject property* were administratively taken out of service, and at that time, all four (4) USTs were pumped and rinsed of available product using a pump truck by Oil Re-Refining (ORRCO).

2.0 HYDROGEOLOGIC SETTING

2.1 Physical Setting

The *subject property* and surrounding area lie within the northern Willamette Valley physiographic division of Oregon. The *subject property* and surrounding area are level, although regional topography dips gently to the southwest. The elevation of the *subject property* is approximately 217 feet above mean sea level¹.

2.2 Local and Regional Geologic and Hydrogeologic Conditions

According to the U.S. Geological Survey Water-Supply Paper 1967, titled *Geology and Geologic Hazards of Northwestern Clackamas County, Oregon*, the *subject property* and adjacent/nearby properties appear to be underlain by Quaternary Lacustrine Sediments (Qws), known as the *Willamette Silt Formation*, composed of fine sandy silt and clay.

According to a soil survey compiled by the U.S. Department of Agriculture's Natural Resource Conservation Service (USCS), the dominant soils underlying the *subject property* and surrounding area are identified as the Salem silt loam and the Salem gravelly silt loam. According to survey information, these soils are formed on stream terraces and are well-drained. Soil profiles under this soil classification are typified by the upper silt loam layer from the surface to eight (8) inches BLS, gravelly clay loam to 24 inches BLS, and very gravelly loamy sand to a depth of 60 inches.

Based on historical onsite borings completed onsite in 2020, local stratigraphy appears to consist of a gravelly silt from near surface to a depth of approximately fifteen (15) below land surface (BLS), beneath which lies a dense red clay. Groundwater was encountered at a depth of approximately 30 to 35 feet BLS (15 to 20 feet below the UST cavity) under semi-confined conditions in former push probe P8 (April 2020), located adjacent to the east side of the former UST cavity. Groundwater was not encountered in former push probe P10 installed at southwest corner of the UST cavity to a depth of 30 feet BLS.

A review of drillers logs on file with the Oregon Department of Water Resources (WRD) indicated that the shallow groundwater encountered at the site may be artificially created by the tank cavity for the USTs which holds water due to low permeability soils. The review focused on wells from 20 to 35 feet deep and 0.2 to 0.75 miles from the *subject property*. Drillers logs from 26120 SW Parkway Ave, Wilsonville, OR located 0.7 miles east (CLAC18289) of the site did not encounter groundwater in wells installed to a depth of 35 feet. At 9565 SW Ridder Rd (0.2 miles east), drillers logs (CLAC74290) show no groundwater down to a depth of 25 feet.

Google Earth® Elevation Datum, dated May 8, 2019.

3.0 UST DECOMMISSIONING

3.1 Utility Locates

Prior to initiating excavation activities, a utility locate request was generated using the Oregon 811 Utility Notification Center. In addition, a private utility locate was conducted by APS Locating Inc. All utilities within the excavation area were identified. Lastly, an electrician disconnected all electrical wiring from the electrical panel to the fuel dispenser pumps and the four (4) USTs.

3.2 Fuel Dispenser Removal and Product Line Flushing

On June 3, 2024, the fuel dispensers were removed for offsite metal recycling. Jammie's Environmental Inc. was onsite to vacuum extract any residual fuel within the product lines and four (4) USTs. At this same time, the product lines were flushed with water, and all available rinse water and product was vacuum extracted from the product lines. The four (4) USTs were rinsed and all available fluids were vacuum extracted from the USTs (Note that the USTs had previously been pumped and rinsed using a pump truck in 2020). The product and rinse water (265 gallons total) were ultimately recycled at Oil Re-Refining (ORRCO) in Portland, Oregon.

3.3 Soil Sampling – Product Line and Fuel Dispensers

On June 3, 2024, the concrete over the product lines and USTs was cut, and removed for offsite recycling. On June 4, 2024, the product lines between the fuel dispensers were removed, and soil samples were collected from native soil beneath the fuel dispensers and product lines north of the UST cavity. It should be noted, that soil samples were not collected beneath the dispensers on fuel island number two (2), due to pea gravel extending to a depth of 8.5 feet below land surface (BLS). The soil samples beneath these fuel dispensers were collected on June 10, 2024, using a trackmounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment. Soil cores from each boring were collected using hollow, stainless steel core barrels approximately 60 inches in length and 3.25 inches in diameter. Additional core barrels are added as the probe is advanced. Subsurface soil samples were retrieved within 60-inch long clear plastic tubes, 2.625 inches in diameter, inserted within the lead core barrel.

To collect soil samples beneath the north and south fuel dispensers of fuel island #2, direct push probes DP-1 and DP-2 were advanced to a depth of 10 feet below land surface (BLS). Each of these probes were found to contain pea gravel to a depth of 8.5 feet, beneath which a silty clay was encountered. No obvious evidence of soil contamination was noted in soil beneath the fuel dispensers and product lines. Soil samples were collected from these direct push probes at the uppermost native soil encountered at 8.5 feet BLS (I2-DN-8.5' and I2-DS-8.5').

All soil samples were collected by EPA Method 5035A, using new Terra Core® samplers and laboratory-prepared 40 milliliter (ml) glass VOA vials with appropriate methanol preservative; plus collection of a laboratory-supplied four (4) ounce glass container. Each four (4) ounce soil sample container was filled to maximize volume and minimize headspace. New Terra Core® samplers were used for each sample (i.e., no Terra Core® samplers were re-used). The samples were collected using clean nitrile gloves. Each clean four (4) ounce glass jar was sealed with threaded, teflon-lined caps. The jars were filled such that remaining headspace volume was minimized. The sample jars were uniquely labeled, logged on a chain-of-custody document, and placed on ice in an insulated portable cooler. All soil samples were delivered to Apex Laboratories in Tigard, Oregon, for laboratory analysis of Total Petroleum Identification (TPH) by Method NWTPH-HCID.

Dispenser / Product Line Soil Analytical Results: Gasoline- and oil-range TPH were not detected in any of the soil samples from below the dispensers and product lines. Of the 14 soil samples collected, five (5) were found to contain diesel-range TPH at concentrations ranging from 57.4 to 966 milligrams per kilogram (mg/kg), or parts per million (ppm).

3.4 Excavating Operations and Periodic Monitoring of Soil

During excavation of soil above the four (4) USTs, excavated soil was periodically monitored using an Organic Vapor Meter with Photoionization Detector (OVM-PID). During the periodic monitoring, a pocket of soil contamination was noted between the two (2) 20,000-gallon USTs, in the vicinity of a former catch basin, and an unknown metal structure that had been covered by a steel plate. This soil was placed on, and covered with visqueen plastic sheeting. Based on field measurements, the extent of this small area of petroleum-contaminated soil appeared to be approximately eight (8) feet north-south by four (4) feet east-west, and to a depth of approximately six (6) feet below land surface (BLS).

Two (2) composite soil samples were collected from the segregated contaminated soil. Laboratory analysis of the two (2) composite soil samples detected oil-range TPH at a concentration of 43.4 ppm, gasoline-range TPH at 35 ppm, ethylbenzene at 0.0522 ppm, and xylenes at 0.49 ppm. A soil disposal permit was obtained from Waste Management, and the approximately 13.57 tons of contaminated soil was disposed of at the Waste Management Hillsboro Landfill. The complete laboratory report is provided in **Attachment B**, and the soil disposal receipt is provided in **Attachment C**.

3.5 UST Inerting and Removal

Prior to removal, the USTs were inerted by ventilation using an air compressor and eductor apparatus. Prior to removal, the interior of the USTs were inspected (using a flashlight and/or taking interior photographs) to confirm that the interior was clean and absent of residual fuel. Upon confirming that the tank atmosphere was safe for removal, that is, less than five (5) percent of the lower explosive limit (LEL), the four (4) USTs were removed in large pieces, and then placed into a 40-yard drop box, crushed, and hauled off for disposal as solid waste by Republic Services.

3.6 Soil Sampling – Beneath Former USTs

Upon removal of the USTs, soil samples were collected from native soil beneath the north and south ends of the 4,000-gallon motor oil UST, and 6,000-gallon gasoline UST using the bucket of the excavator. Similarly, soil samples were collected from native soil beneath the middle and south end of the eastern 20,000-gallon diesel UST using the excavator bucket. However, due to the volume of pea gravel and depth of the UST cavity, the north soil sample beneath the eastern 20,000-gallon UST, and all three (3) soil samples beneath the western 20,000-gallon diesel UST were collected after backfill using a using a track-mounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment.

The 4,000-gallon motor oil UST, and 6,000-gallon gasoline UST were identified as being eight (8) feet in diameter, with a two (1) foot burial, and one (1) foot of base pea gravel beneath the USTs. Soil samples collected beneath the 4,000-gallon motor oil UST and 6,000-gallon gasoline UST were collected from native soil at a depth of approximately 11 feet BLS, and were labeled 4K-N-11', 4K-S-11', 6K-N-11', and 6K-S-11'.

The two (2) 20,000-gallon diesel USTs were identified as being 10 feet in diameter, having approximately two (2) to three (3) foot burial, and a base of at least one (1) foot of pea gravel. Soil samples collected beneath the two (2) 20,000-gallon USTs were labeled E20K-N-13.5'-14', E20K-M-15', E20K-S-13.5', W20K-N-13.5'-14', W20K-M-13.5'-14', and W20K-S-13.5'-14'.

The soil analytical results for all soil samples are provided in **Table 1**. The complete laboratory report is provided in **Attachment B**.

Table 1: UST Decommissioning Soil Analytical Result

All concentrations in parts per million (ppm) or milligrams per Kilogram (mg/Kg). Where shaded not analyzed. **ND** (<0.2): Indicates not detected above method-reporting limit identified in parentheses P Line: Product Line DP: Direct-Push Probe (DP1 through DP7)

	Total Pe	Total Petroleum Hydrocarbons (TPH)			Petroleum Rela		
SOIL SAMPLE IDENTIFICATION (Depth)	Gasoline-Range TPH	Diesel-Range TPH	Oil-Range TPH	Benzene	Toluene		
	es – UST Decommis	ssioning (2024)					
I1-DN-2.5' (Island #1 - N Dispenser)	ND<23.3	ND<58.1	ND<116				
DP1 / I2-DN-8.5' (Island #2 - N Dispenser)	ND<25.5	ND<63.6	ND<127				
DP2 / I2-DS-8.5' (Island #2 - S Dispenser)	ND<23.3	274	ND<42				
I3-DN-3' (Island #2 - N Dispenser)	ND<23.5	695	ND<43.9				
I3-DS-3' (Island #3 - S Dispenser)	ND<23.7	ND<59.3	ND<119				
I4-DN-2' (Island #4 - N Dispenser)	ND<24.7	134	ND<46				
I4-DM-2' (Island #4 - Mid Dispenser)	ND<22.1	ND<55.3	ND<111				
I4-DS-2' (Island #4 - S Dispenser)	ND<24.6	ND<61.6	ND<123				
PL-1/2-2.5' (P line between Islands 1&2)	ND<22.5	ND<56.3	ND<113				
PL-2/3-3' (P line between Islands 2&3)	ND<22.8	57.4	ND<43.5				
PL-3/4M-2' (PL between Islands 3&4)	ND<25.1	966	ND<45.6				
PL-3/4N-2' (PL between Islands 3&4)	ND<23	ND<57.4	ND<115				
E Elbow PL-2' (Elbow E of S Disp #3)	ND<21.9	ND<54.8	ND<110				
DP3 / PL Trench-3' (PL trench NE)	ND<23.3	ND<53.3	ND<117				
E20K-N-13.5'-14' (E 20K UST)	ND<24.2	ND<60.6	ND<121				
E20K-M-15' (E 20K UST)	ND<23.5	ND<58.8	ND<118				
E20K-S-13.5'-14' (E 20K UST)	ND<23.7	4,050	ND<118	ND<0.0117	ND<0.0586	L	
W20K-N-13.5'-14' (W 20K UST)	ND<23.8	ND<59.4	ND<119				
W20K-M-13.5'-14' (W 20K UST)	ND<23	ND<57.6	ND<115				
W20K-S-13.5'-14' (W 20K UST)	ND<23.5	409	ND<43.8				
4K-N-11' (4K Oil UST)	ND<25.3	ND<63.3	ND<127				
4K-S-11' (4K Oil UST)	ND<26.2	ND<65.4	ND<131				
6K-N-11' (6K Gas UST)	ND<26.9	ND<67.2	ND<134				
6K-S-11' (6K Gas UST)	ND<24.6	ND<61.4	ND<123				
COMP1 (Composite Sample)	ND<5.69	ND<54.1	43.4	ND<0.0114	ND<0.0569	L	
COMP2 (Composite Sample)	35.0	ND<19.3	ND<38.6	ND<0.0103	ND<0.0517	$\underline{\mathbb{L}}$	
Soil Ingestion, Occupational	20,000	14,000	Site Specific	37	88,000		
Dermal Contact, and Inhalation Construction Worker	9,700	4,600	Site Specific	380	28,000		
Excavation Worker	>Max	>Max	Site Specific	11,000	770,000	\perp	
Occupational Volatilization to Outdoor Air	69,000	>Max	Site Specific	50	>Csat	Ţ	
Occupational Leaching to Groundwater	130	>Max	Site Specific	0.10	490	L	

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>		

ted VOCs		Polyaromatic Hydrocarbons (PAHs)			
Ethylbenzene	Xylenes	Pyrene	All Others		
ND<0.0293	0.103	0.298	ND		
ND 0.055	N.D. 0.55-5				
ND<0.0284	ND<0.0853				
0.0522	0.490	20,000	., .		
150	25,000	23,000	Various		
1,700	20,000	7,500	Various		
49,000	560,000	210,000	Various		
160	>Csat	>Max	Various		
0.90	100	>Csat	Varioius		

3.7 Push-Probe Soil Sampling

Due to the volume of pea gravel and depth of the UST cavity, the north soil sample beneath the eastern 20,000-gallon UST, and all three (3) soil samples beneath the western 20,000-gallon diesel UST were collected after backfill using a using a track-mounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment. These soil samples were collected on June 10, 2024, using a track-mounted Geoprobe® 7822 rig, and push-probe technology, rods, and equipment.

To collect the soil samples beneath the 20,000-gallon diesel USTs, direct-push probes DP-4 through DP-7 were advanced to depths of 18 to 20 feet BLS. Groundwater was not encountered in any of the push probes. Each of these probes were found to contain pea gravel to a depth of approximately 13 to 13.5 feet BLS, beneath which a silty clay was encountered. No obvious evidence of soil contamination was noted in soil beneath the northern half of the two (2) 20,000-gallon USTs; however, a thin band of grey-stained contaminated soil (less than four [4] inches in vertical thickness) was noted beneath the southern end of each UST. Soil samples were collected from these direct-push probes at the uppermost native soil encountered at 13.5 to 14 feet BLS (W20K-N-13.5-14', W20K-M-13.5-14', W20K-S-13.5-14' and E20K-N-13.5'-14'). The sample depths and observations were more accurate than sampling procedures using the excavation bucket.

All soil samples were collected by EPA Method 5035A, using new Terra Core® samplers and laboratory-prepared 40 ml glass VOA vials with appropriate methanol preservative; plus collection of a laboratory-supplied four (4) ounce glass container. Each four (4) ounce soil sample container was filled to maximize volume and minimize headspace. New Terra Core® samplers were used for each sample (i.e., no Terra Core® samplers were re-used). The samples were collected using clean nitrile gloves. Each clean four (4) ounce glass jar was sealed with threaded, teflon-lined caps. The jars were filled such that remaining headspace volume was minimized. The sample jars were uniquely labeled, logged on a chain-of-custody document, and placed on ice in an insulated portable cooler. All soil samples were delivered to Apex Laboratories in Tigard, Oregon, for laboratory analysis of Total Petroleum Identification (TPH) by Method NWTPH-HCID.

UST Confirmation Soil Sampling Analytical Results: Gasoline-, diesel-, and oil-range TPH were not detected in confirmation soil samples beneath the 4,000-gallon motor oil UST, nor beneath the 6,000-gallon gasoline UST. In addition, gasoline-, diesel-, and oil-range TPH were not detected beneath the northern half of the two (2) 20,000-gallon diesel USTs. Further, gasoline- and oil-range TPH were not detected beneath the southern half of these USTs. However, beneath the southern end of the 20,000-gallon USTs, diesel-range TPH was detected at 409 ppm beneath the western 20,000-gallon UST, and at 4,050 ppm beneath the eastern 20,000-gallon UST. Soil sample E20K-S-13.5-14' was additionally analyzed for benzene, toluene, ethylbenzene, and xylenes, per EPA Method 8260B, and polyaromatic hydrocarbons (PAHs) per EPA Method 8270SIM.

3.8 Risk-Based Contaminant Concentration Comparison

Included in **Table 1** are reasonably applicable Risk-Based Concentrations (RBCs) developed for the *subject property*. The *subject property* operates as an equipment rental facility, and all adjacent properties are of non-residential use, including Bonneville Power electrical substations to the east and northeast, a Republic Services waste and recycling transfer station to the north, a glass manufacturing facility to the east, and a large Amazon parking lot to the south. As such, reasonably applicable RBCs for the *subject property* include Occupational, Construction Worker, and Excavation Worker receptor scenarios. None of the detected contaminants exceed any applicable RBCs.

3.9 Backfill/Resurfacing

Upon completion of UST decommissioning and site assessment activities, the excavation area was backfilled with existing pea gravel, which was covered with erosion fabric, and then covered with imported three-quarter (3/4) inch minus gravel soil. At this time, the catch basins were replaced with a single heavy duty catch basin near the center of the excavation. The 3/4" gravel was compacted in one-half (0.5) to one (1) foot lifts, prior to paving with four (4) inches of asphalt.

3.10 Release Reporting

On June 28 2024, the release was reported to the DEQ via the DEQ's online reporting website. The DEQ has yet to issue a leaking underground storage tank (LUST) file number for the site.

4.0 HISTORICAL CONTAMINATION

In 2007, a spill of approximately 40 gallons of diesel fuel occurred at the subject site near the west end of the registered fuel dispenser island. A release was reported to the DEQ and the DEQ assigned the release as LUST file no. 03-07-0289. A total of approximately 61.88 tons of petroleum contaminated soil was excavated from the spill area and eventually transported off-site for disposal to Hillsboro Landfill for disposal. Residual diesel-range contamination left in place at the site beneath the footing for the canopy was detected at 1,830 ppm. The DEQ issued a no further action (NFA) determination for the site. The residual contamination is similar in magnitude to the contaminant concentrations detected beneath the southern end of the 20,000-gallon USTs. Based on the findings of push-probes advanced beneath and adjacent to the UST cavity, seasonal groundwater was found to occur at a depth of 30 to 35 feet BLS, approximately 15 to 20 feet below the depth of residual soil contamination at the bottom of the UST cavity.

Based on these findings, and the fact that detected contaminants were all well below applicable RBCs, BB&A recommend that an administrative NFA determination be issued for the site and most recent leaking underground storage tank (LUST) file.

Should you have any questions regarding this information, please do not hesitate to contact me at your convenience.

Sincerely,

BB&A Environmental



Stephen M. Omo, RG Project Manager

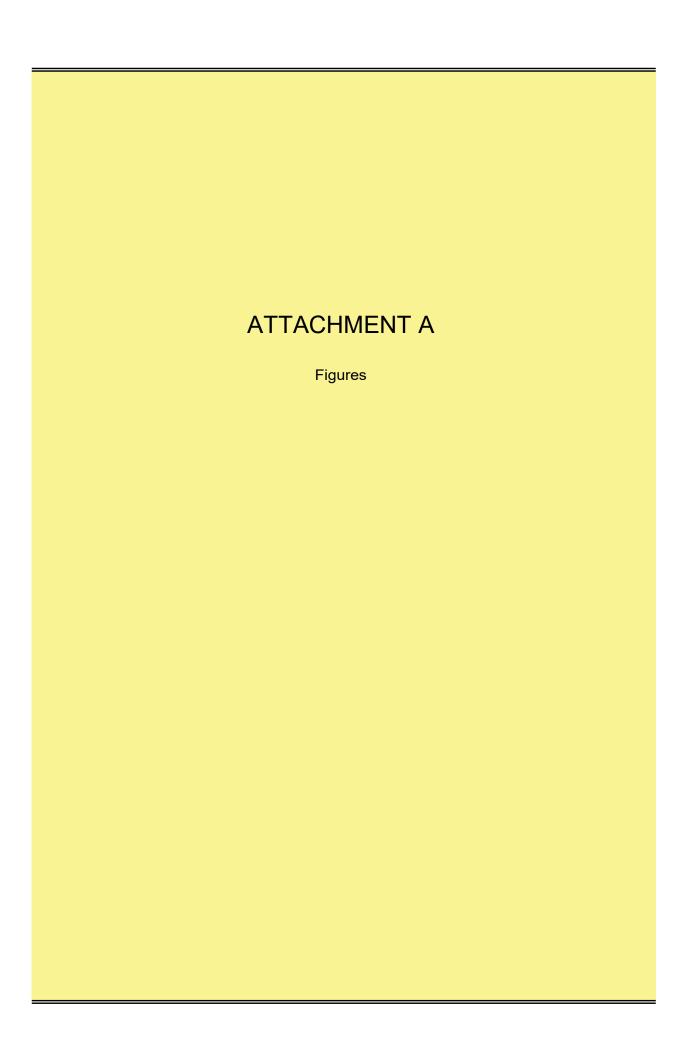
List of Attachments:

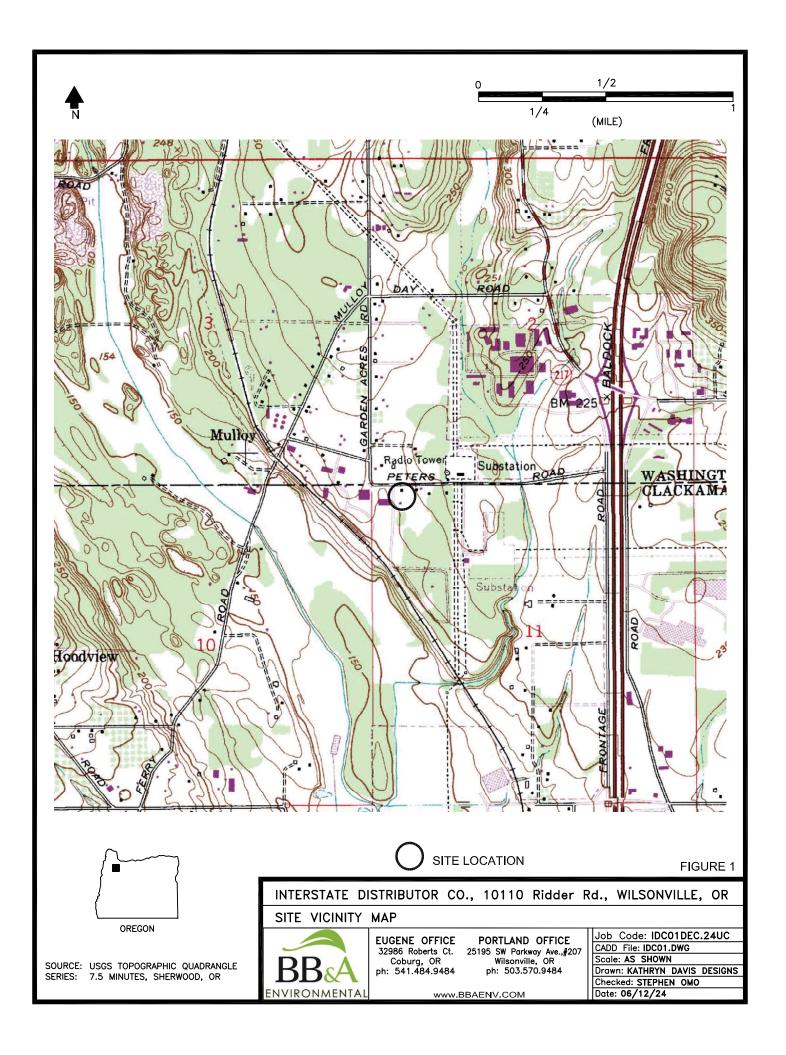
Attachment A: Figures

Attachment B: Laboratory Reports and Chain of Custody Documents

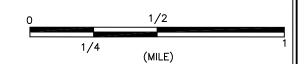
Attachment C: Push-Probe Logs

Attachment D: Soil and Fuel/Rinse Water Disposal Receipts













SITE LOCATION

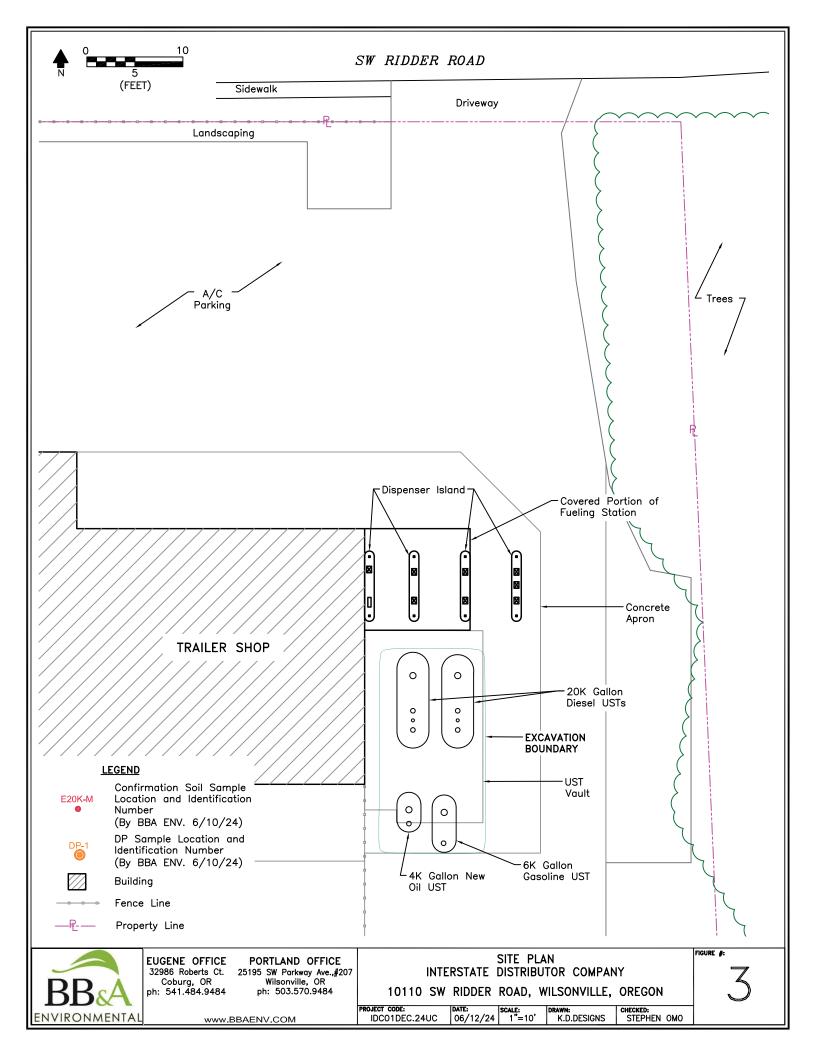


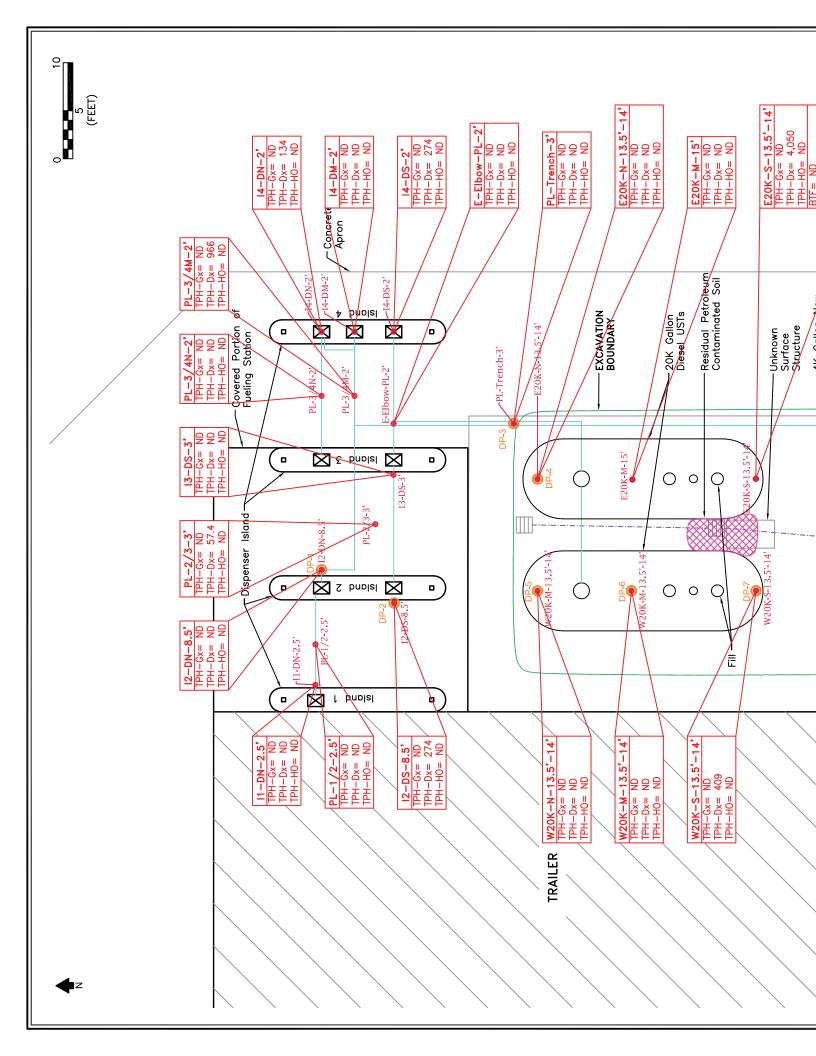
EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

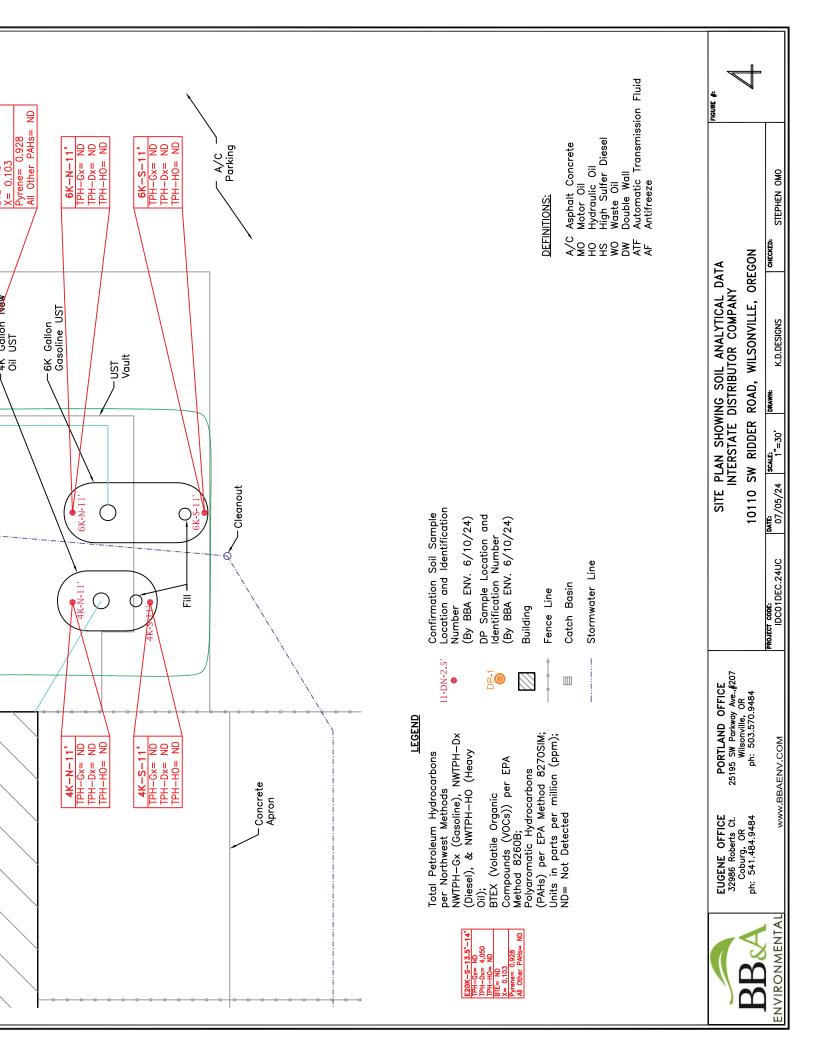
PORTLAND OFFICE
25195 SW Parkway Ave.,#207
Wilsonville, OR
ph: 503.570.9484

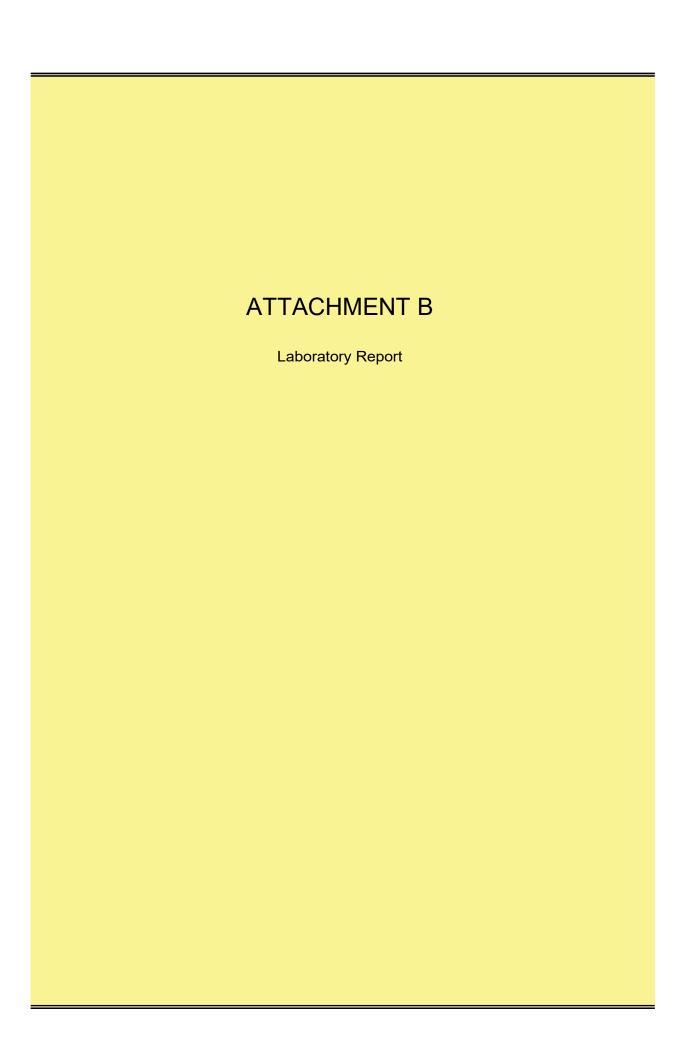
INTERSTATE DISTRIBUTOR COMPANY AERIAL PHOTOGRAPH 10110 RIDDER ROAD, WILSONVILLE, OREGON

PROJECT CODE: IDC01DEC.24UC DATE: SCALE: DRAWN: 07/05/24 AS SHOWN K.D.DESIGNS CHECKED: STEPHEN OMO











AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Wednesday, July 3, 2024 Steve Omo BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070

RE: A4F0906 - R McLean Wilsonville - IDC01DEC.24UC

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A4F0906, which was received by the laboratory on 6/6/2024 at 8:00:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: <u>DAuvil@apex-labs.com</u>, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.

(See Cooler Receipt Form for details)

Default Cooler 3.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.





Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

Report ID:

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville
Project Number: IDC01DEC.24UC

Project Manager: Steve Omo A4F0906 - 07 03 24 0935

ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFORMA	ATION		
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IDC01-I4-DS-2'	A4F0906-01	Soil	06/04/24 08:00	06/06/24 08:00
IDC01-I4-DM-2'	A4F0906-02	Soil	06/04/24 08:15	06/06/24 08:00
IDC01-I4-DN-2'	A4F0906-03	Soil	06/04/24 08:25	06/06/24 08:00
IDC01-I3-DN-3'	A4F0906-04	Soil	06/04/24 09:35	06/06/24 08:00
IDC01-I3-DS-3'	A4F0906-05	Soil	06/04/24 09:30	06/06/24 08:00
IDC01-I1-DN-2.5'	A4F0906-06	Soil	06/04/24 10:55	06/06/24 08:00
IDC01-E Elbow PL-2'	A4F0906-07	Soil	06/04/24 08:40	06/06/24 08:00
IDC01-PL-3/4N-2'	A4F0906-08	Soil	06/04/24 11:25	06/06/24 08:00
IDC01-PL-3/4M-2'	A4F0906-09	Soil	06/04/24 11:30	06/06/24 08:00
IDC01-PL-2/3-3'	A4F0906-10	Soil	06/04/24 11:15	06/06/24 08:00
IDC01-PL-1/2-2.5'	A4F0906-11	Soil	06/04/24 11:10	06/06/24 08:00
IDC01-E20K-M-15'	A4F0906-12	Soil	06/04/24 17:00	06/06/24 08:00
IDC01-E20K-S-13.5'	A4F0906-13	Soil	06/04/24 17:15	06/06/24 08:00
IDC01-4K-N-11'	A4F0906-14	Soil	06/05/24 15:40	06/06/24 08:00
IDC01-4K-S-11'	A4F0906-15	Soil	06/05/24 15:30	06/06/24 08:00
IDC01-6K-S-11'	A4F0906-16	Soil	06/05/24 17:00	06/06/24 08:00
IDC01-6K-N-11'	A4F0906-17	Soil	06/05/24 17:10	06/06/24 08:00
IDC01-COMP1	A4F0906-18	Soil	06/05/24 16:00	06/06/24 08:00
IDC01-COMP2	A4F0906-19	Soil	06/05/24 16:05	06/06/24 08:00

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The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL CASE NARRATIVE

Work Order: A4F0906

Apex Laboratories

Amended Report Revision 1:

This report supersedes all previous reports.

A partial final report was sent to the client on 6/20/2024. This report includes all data for the samples received and logged in under work order A4F0906.

Darrell Auvil Client Services Manager 6/27/2028

Apex Laboratories



BB&A Environmental - Wilsonville

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	riyart	Joan Don Iden	uncation 30	creen by NWTP	טוטו ו-יי					
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes		
	Result	Lillit	Lillit		Dirution	•		notes		
IDC01-I4-DS-2' (A4F0906-01)				Matrix: Soil		Batch:	Batch: 24F0240			
Gasoline Range Organics	ND		24.6	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID			
Diesel Range Organics	ND		61.6	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID			
Oil Range Organics	ND		123	mg/kg dry	1	06/08/24 04:19	NWTPH-HCID			
Surrogate: o-Terphenyl (Surr)		Reco	very: 86 %	Limits: 50-150 %	1	06/08/24 04:19	NWTPH-HCID			
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/08/24 04:19	NWTPH-HCID			
IDC01-I4-DM-2' (A4F0906-02)				Matrix: Soil		Batch:	24F0240			
Gasoline Range Organics	ND		22.1	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID			
Diesel Range Organics	ND		55.3	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID			
Oil Range Organics	ND		111	mg/kg dry	1	06/07/24 22:01	NWTPH-HCID			
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 22:01	NWTPH-HCID			
4-Bromofluorobenzene (Surr)			92 %	50-150 %	1	06/07/24 22:01	NWTPH-HCID			
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil	Matrix: Soil		24F0240			
Gasoline Range Organics	ND		24.7	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID			
Diesel Range Organics	DET		61.8	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID	F-11		
Oil Range Organics	ND		124	mg/kg dry	1	06/07/24 22:25	NWTPH-HCID			
Surrogate: o-Terphenyl (Surr)		Recov	ery: 100 %	Limits: 50-150 %	1	06/07/24 22:25	NWTPH-HCID			
4-Bromofluorobenzene (Surr)			97 %	50-150 %	1	06/07/24 22:25	NWTPH-HCID			
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch:	24F0240			
Gasoline Range Organics	ND		23.5	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID			
Diesel Range Organics	DET		58.7	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID	F-11		
Oil Range Organics	ND		117	mg/kg dry	1	06/07/24 22:48	NWTPH-HCID			
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 22:48	NWTPH-HCID			
4-Bromofluorobenzene (Surr)			91 %	50-150 %	1	06/07/24 22:48	NWTPH-HCID			
IDC01-I3-DS-3' (A4F0906-05)				Matrix: Soil		Batch:	24F0240			
Gasoline Range Organics	ND		23.7	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID			
Diesel Range Organics	ND		59.3	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID			
Oil Range Organics	ND		119	mg/kg dry	1	06/07/24 23:12	NWTPH-HCID			
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/07/24 23:12	NWTPH-HCID			
4-Bromofluorobenzene (Surr)			97 %	50-150 %	1	06/07/24 23:12	NWTPH-HCID			
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Ratch:	24F0240			

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	Sample	Detection	Reporting			Date		
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Note
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch:		
Gasoline Range Organics	ND		23.3	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Diesel Range Organics	ND		58.1	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Oil Range Organics	ND		116	mg/kg dry	1	06/07/24 23:36	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 23:36	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			90 %	50-150 %	5 1	06/07/24 23:36	NWTPH-HCID	
IDC01-E Elbow PL-2' (A4F0906-07)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		21.9	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Diesel Range Organics	ND		54.8	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Oil Range Organics	ND		110	mg/kg dry	1	06/07/24 23:59	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 23:59	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			86 %	50-150 %	<i>1</i>	06/07/24 23:59	NWTPH-HCID	
IDC01-PL-3/4N-2' (A4F0906-08)				Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND		23.0	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Diesel Range Organics	ND		57.4	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Oil Range Organics	ND		115	mg/kg dry	1	06/08/24 00:23	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/08/24 00:23	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			89 %	50-150 %	5 1	06/08/24 00:23	NWTPH-HCID	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		25.1	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	
Diesel Range Organics	DET		62.8	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	F-11
Oil Range Organics	ND		126	mg/kg dry	1	06/08/24 05:06	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recov	ery: 104 %	Limits: 50-150 %	1	06/08/24 05:06	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			98 %	50-150 %	5 1	06/08/24 05:06	NWTPH-HCID	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		22.8	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	
Diesel Range Organics	DET		57.0	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	F-11
Oil Range Organics	ND		114	mg/kg dry	1	06/08/24 00:47	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	5 1	06/08/24 00:47	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			92 %	50-150 %	5 1	06/08/24 00:47	NWTPH-HCID	
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Ratch:	24F0240	

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AMENDED REPORT

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	•			reen by NWTP				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		•	24F0240	
Gasoline Range Organics	ND		22.5	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID	
Diesel Range Organics	ND		56.3	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID	
Oil Range Organics	ND		113	mg/kg dry	1	06/08/24 01:10	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 92 %	Limits: 50-150 %	1	06/08/24 01:10	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			87 %	50-150 %	1	06/08/24 01:10	NWTPH-HCID	
IDC01-E20K-M-15' (A4F0906-12)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		23.5	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID	
Diesel Range Organics	ND		58.8	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID	
Oil Range Organics	ND		118	mg/kg dry	1	06/08/24 01:34	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 93 %	Limits: 50-150 %	1	06/08/24 01:34	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			79 %	50-150 %	1	06/08/24 01:34	NWTPH-HCID	
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil	Matrix: Soil		24F0240	
Gasoline Range Organics	ND		23.7	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID	
Diesel Range Organics	DET		59.1	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID	
Oil Range Organics	ND		118	mg/kg dry	1	06/08/24 01:58	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Recov	ery: 123 %	Limits: 50-150 %	1	06/08/24 01:58	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			108 %	50-150 %	1	06/08/24 01:58	NWTPH-HCID	
IDC01-4K-N-11' (A4F0906-14)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		25.3	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID	
Diesel Range Organics	ND		63.3	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID	
Oil Range Organics	ND		127	mg/kg dry	1	06/08/24 02:21	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/08/24 02:21	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			81 %	50-150 %	1	06/08/24 02:21	NWTPH-HCID	
IDC01-4K-S-11' (A4F0906-15)				Matrix: Soil		Batch:	24F0240	
Gasoline Range Organics	ND		26.2	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID	
Diesel Range Organics	ND		65.4	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID	
Oil Range Organics	ND		131	mg/kg dry	1	06/08/24 02:44	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 99 %	Limits: 50-150 %	1	06/08/24 02:44	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			78 %	50-150 %	1	06/08/24 02:44	NWTPH-HCID	
IDC01-6K-S-11' (A4F0906-16)				Matrix: Soil		Batch:	24F0240	

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	Hydro	carbon Ident	ification So	reen by NWTP	H-HCID				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
IDC01-6K-S-11' (A4F0906-16)					Matrix: Soil		Batch: 24F0240		
Gasoline Range Organics	ND		24.6		1	06/08/24 03:08	NWTPH-HCID		
Diesel Range Organics	ND		61.4	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID		
Oil Range Organics	ND		123	mg/kg dry	1	06/08/24 03:08	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Recov	very: 91 %	Limits: 50-150 %	1	06/08/24 03:08	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			80 %	50-150 %	1	06/08/24 03:08	NWTPH-HCID		
IDC01-6K-N-11' (A4F0906-17)				Matrix: Soil		Batch:	24F0240		
Gasoline Range Organics	ND		26.9	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID		
Diesel Range Organics	ND		67.2	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID		
Oil Range Organics	ND		134	mg/kg dry	1	06/08/24 03:32	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Recov	very: 89 %	Limits: 50-150 %	1	06/08/24 03:32	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			76 %	50-150 %	1	06/08/24 03:32	NWTPH-HCID		
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch: 24F0213			
Gasoline Range Organics	ND		21.6	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID		
Diesel Range Organics	ND		54.1	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID		
Oil Range Organics	DET		108	mg/kg dry	1	06/06/24 23:44	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Recov	very: 89 %	Limits: 50-150 %	1	06/06/24 23:44	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			89 %	50-150 %	1	06/06/24 23:44	NWTPH-HCID		
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0213		
Gasoline Range Organics	ND		20.5	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID		
Diesel Range Organics	ND		51.4	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID		
Oil Range Organics	ND		103	mg/kg dry	1	06/07/24 00:05	NWTPH-HCID		
Surrogate: o-Terphenyl (Surr)		Recov	very: 95 %	Limits: 50-150 %	1	06/07/24 00:05	NWTPH-HCID		
4-Bromofluorobenzene (Surr)			95 %	50-150 %	1	06/07/24 00:05	NWTPH-HCID		

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Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

	C1-	Datastian	D			Dete		
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil		Batch:		
Diesel	134		23.0	mg/kg dry	1	06/17/24 21:47	NWTPH-Dx	F-11, Q-39 Q-42
Oil	ND		46.0	mg/kg dry	1	06/17/24 21:47	NWTPH-Dx	Q-42
Surrogate: o-Terphenyl (Surr)		Recov	very: 82 %	Limits: 50-150 %	1	06/17/24 21:47	NWTPH-Dx	
IDC01-I3-DN-3' (A4F0906-04)						Batch:	24F0567	
Diesel	695		22.0	mg/kg dry	1	06/18/24 09:14	NWTPH-Dx	F-11
Oil	ND		43.9	mg/kg dry	1	06/18/24 09:14	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recov	very: 88 %	Limits: 50-150 %	1	06/18/24 09:14	NWTPH-Dx	
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch:	24F0567	
Diesel	966		22.8	mg/kg dry	1	06/18/24 10:01	NWTPH-Dx	F-11
Oil	ND		45.6	mg/kg dry	1	06/18/24 10:01	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recov	very: 73 %	Limits: 50-150 %	1	06/18/24 10:01	NWTPH-Dx	
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch:	24F0567	
Diesel	57.4		21.7	mg/kg dry	1	06/18/24 06:30	NWTPH-Dx	F-11
Oil	ND		43.5	mg/kg dry	1	06/18/24 06:30	NWTPH - Dx	
Surrogate: o-Terphenyl (Surr)		Recov	very: 80 %	Limits: 50-150 %	1	06/18/24 06:30	NWTPH-Dx	
IDC01-E20K-S-13.5' (A4F0906-13RE1)				Matrix: Soil		Batch:	24F0567	
Diesel	4050		115	mg/kg dry	5	06/18/24 15:54	NWTPH-Dx	
Oil	ND		229	mg/kg dry	5	06/18/24 15:54	NWTPH - Dx	
Surrogate: o-Terphenyl (Surr)		Recov	very: 85 %	Limits: 50-150 %	5	06/18/24 15:54	NWTPH-Dx	S-05
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0171	
Diesel	ND		19.6	mg/kg dry	1	06/06/24 21:42	NWTPH-Dx	
Oil	43.4		39.3	mg/kg dry	1	06/06/24 21:42	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recov	very: 89 %	Limits: 50-150 %	1	06/06/24 21:42	NWTPH-Dx	
IDC01-COMP2 (A4F0906-19RE1)				Matrix: Soil		Batch:	24F0171	
Diesel	ND		19.3	mg/kg dry	1	06/07/24 08:25	NWTPH-Dx	F-26
Oil	ND		38.6	mg/kg dry	1	06/07/24 08:25	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		Recov	very: 96 %	Limits: 50-150 %	1	06/07/24 08:25	NWTPH-Dx	

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Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Gasol	ine Range Hy	/drocarbons	(Benzene tl	hrough Naphtha	alene) by	NWTPH-Gx		
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch	V-15	
Gasoline Range Organics	ND		5.69	mg/kg dry	50	06/06/24 16:06	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 94 %	Limits: 50-150 %	5 1	06/06/24 16:06	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	5 1	06/06/24 16:06	NWTPH-Gx (MS)	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch	: 24F0185	V-15
Gasoline Range Organics	35.0		5.17	mg/kg dry	50	06/06/24 16:33	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 96 %	Limits: 50-150 %	5 1	06/06/24 16:33	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	5 1	06/06/24 16:33	NWTPH-Gx (MS)	

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Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

		BTEX Com	pounds b	y EPA 8260D				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Note
IDC01-E20K-S-13.5' (A4F0906-13)		Matrix: Soil				Batch:	H-01	
Benzene	ND		11.7	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Toluene	ND		58.6	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Ethylbenzene	ND		29.3	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Xylenes, total	103		87.9	ug/kg dry	50	06/25/24 20:02	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	101 %	Limits: 80-120 %	1	06/25/24 20:02	5035A/8260D	
Toluene-d8 (Surr)			96 %	80-120 %	1	06/25/24 20:02	5035A/8260D	
4-Bromofluorobenzene (Surr)			101 %	79-120 %	1	06/25/24 20:02	5035A/8260D	
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0185	V-15
Benzene	ND		11.4	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Toluene	ND		56.9	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Ethylbenzene	ND		28.4	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Xylenes, total	ND		85.3	ug/kg dry	50	06/06/24 16:06	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	102 %	Limits: 80-120 %	1	06/06/24 16:06	5035A/8260D	
Toluene-d8 (Surr)			100 %	80-120 %	1	06/06/24 16:06	5035A/8260D	
4-Bromofluorobenzene (Surr)			101 %	79-120 %	1	06/06/24 16:06	5035A/8260D	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0185	V-15
Benzene	ND		10.3	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Toluene	ND		51.7	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Ethylbenzene	52.2		25.9	ug/kg dry	50	06/06/24 16:33	5035A/8260D	M-04
Xylenes, total	490		77.6	ug/kg dry	50	06/06/24 16:33	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	103 %	Limits: 80-120 %	1	06/06/24 16:33	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %	1	06/06/24 16:33	5035A/8260D	
4-Bromofluorobenzene (Surr)			96 %	79-120 %	1	06/06/24 16:33	5035A/8260D	

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: RMcLean Wilsonville
Project Number: IDC01DEC.24UC

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

Project Manager: Steve Omo

	Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)									
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes		
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch:	H-02			
Acenaphthene	ND		84.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	R-02		
Acenaphthylene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Anthracene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Benz(a)anthracene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Benzo(a)pyrene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Benzo(b)fluoranthene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Benzo(k)fluoranthene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Benzo(g,h,i)perylene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Chrysene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Dibenz(a,h)anthracene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Fluoranthene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Fluorene	ND		381	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM	R-02		
Indeno(1,2,3-cd)pyrene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Naphthalene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Phenanthrene	ND		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Pyrene	298		56.1	ug/kg dry	5	06/24/24 17:33	EPA 8270E SIM			
Surrogate: 2-Fluorobiphenyl (Surr)		Recov	very: 72 %	Limits: 44-120 %	5 5	06/24/24 17:33	EPA 8270E SIM			
p-Terphenyl-d14 (Surr)			67 %	54-127 %	5	06/24/24 17:33	EPA 8270E SIM			

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ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

		Po	ercent Dry W	eight					
	Sample	Detection	Reporting			Date			
Analyte	Result	Limit	Limit	Units	Dilution	Analyzed	Method Ref.	Notes	
IDC01-I4-DS-2' (A4F0906-01)				Matrix: Soil		Batch: 24F0232			
% Solids	80.7		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-I4-DM-2' (A4F0906-02)				Matrix: Soil		Batch:	24F0232		
% Solids	84.4		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-I4-DN-2' (A4F0906-03)				Matrix: Soil		Batch:	24F0232		
% Solids	79.0		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-I3-DN-3' (A4F0906-04)				Matrix: Soil		Batch:	24F0232		
% Solids	82.6		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-I3-DS-3' (A4F0906-05)				Matrix: Soil		Batch:	24F0232		
% Solids	84.2		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-I1-DN-2.5' (A4F0906-06)				Matrix: Soil		Batch:	24F0232		
% Solids	79.6		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-E Elbow PL-2' (A4F0906-07)				Matrix: Soil		Batch:	24F0232		
% Solids	85.4		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-PL-3/4N-2' (A4F0906-08)				Matrix: Soil		Batch:	24F0232		
% Solids	81.2		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-PL-3/4M-2' (A4F0906-09)				Matrix: Soil		Batch:	24F0232		
% Solids	78.4		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-PL-2/3-3' (A4F0906-10)				Matrix: Soil		Batch:	24F0232		
% Solids	83.4		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-PL-1/2-2.5' (A4F0906-11)				Matrix: Soil		Batch:			
% Solids	81.0		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-E20K-M-15' (A4F0906-12)				Matrix: Soil		Batch: 24F0232			
% Solids	81.2		1.00	%	1	06/10/24 06:52	EPA 8000D		
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: Soil		Batch: 24F0232			
, ,									

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

ANALYTICAL SAMPLE RESULTS

		Po	ercent Dry W	eight				
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
IDC01-E20K-S-13.5' (A4F0906-13)				Matrix: So	il	Batch:	24F0232	
% Solids	77.8		1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-4K-N-11' (A4F0906-14)				Matrix: So	il	Batch:	24F0232	
% Solids	76.4		1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-4K-S-11' (A4F0906-15)				Matrix: So	iI	Batch:	24F0232	
% Solids	73.5		1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-6K-S-11' (A4F0906-16)				Matrix: So	il	Batch:		
% Solids	77.2		1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-6K-N-11' (A4F0906-17)				Matrix: So	il	Batch:	24F0232	
% Solids	70.2		1.00	%	1	06/10/24 06:52	EPA 8000D	
IDC01-COMP1 (A4F0906-18)				Matrix: So	iI	Batch:		
% Solids	90.8		1.00	%	1	06/07/24 06:51	EPA 8000D	
IDC01-COMP2 (A4F0906-19)				Matrix: So	il	Batch:	24F0184	
% Solids	93.5		1.00	%	1	06/07/24 06:51	EPA 8000D	

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

		QU	ALITY C	ONTROL	(QC) SA	AMPLE R	RESULTS	}				
		Hyd	rocarbon l	dentificati	on Scree	en by NW	TPH-HCI)				
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0213 - EPA 3546 (Fu	ıels)						Soil					
Blank (24F0213-BLK1)		Prepared	: 06/06/24 14	:17 Analyze	ed: 06/06/2	4 19:14						
NWTPH-HCID												
Gasoline Range Organics	ND		20.0	mg/kg we	et 1							
Diesel Range Organics	ND		50.0	mg/kg we	et 1							
Oil Range Organics	ND		100	mg/kg we	et 1							
Surr: o-Terphenyl (Surr)		Reco	very: 111 %	Limits: 50-	-150 %	Dila	ution: 1x					
4-Bromofluorobenzene (Surr)			111 %	50-	150 %		"					
No Client rela	ted Batch	QC samples a	nalyzed for th	is batch. See	e notes pag	e for more in	nformation.					
Batch 24F0240 - EPA 3546 (Fu	uels)						Soil					
Blank (24F0240-BLK1)	,	Prepared	: 06/07/24 10	:15 Analyze	ed: 06/07/2	4 21:38						
NWTPH-HCID												
Gasoline Range Organics	ND		20.0	mg/kg we	et 1							
Diesel Range Organics	ND		50.0	mg/kg we	et 1							
Oil Dance Organias	NID		100	ma/Ira xxx	·+ 1							

Batch 24F0240 - EPA 3546 (Fu	els)	Soil									
Blank (24F0240-BLK1)		Prepared: 0	6/07/24 10	:15 Analyzed:	06/07/2	4 21:38					
NWTPH-HCID											
Gasoline Range Organics	ND		20.0	mg/kg wet	1						
Diesel Range Organics	ND		50.0	mg/kg wet	1						
Oil Range Organics	ND		100	mg/kg wet	1						
Surr: o-Terphenyl (Surr)		Recove	ry: 92 %	Limits: 50-150)%	Dila	ution: 1x				
4-Bromofluorobenzene (Surr)			91 %	50-150	%		"				
Duplicate (24F0240-DUP1)		Prepared: 0	6/07/24 10	:15 Analyzed:	06/08/2	4 04:42					
QC Source Sample: IDC01-14-DS-2 NWTPH-HCID	!' (A4F0906-0	<u>)1)</u>									
Gasoline Range Organics	ND		22.9	mg/kg dry	1		ND				30%
Diesel Range Organics	ND		57.3	mg/kg dry	1		ND				30%
Oil Range Organics	ND		115	mg/kg dry	1		ND				30%
Surr: o-Terphenyl (Surr)		Recove	ry: 92 %	Limits: 50-150) %	Dila	ution: 1x				
4-Bromofluorobenzene (Surr)			87 %	50-150	%		"				
Duplicate (24F0240-DUP2)		Prepared: 0	6/07/24 10	:15 Analyzed:	06/08/2	4 03:55					
OC Source Sample: IDC01-6K-N-1	1' (A4F0906-	<u>17)</u>									
NWTPH-HCID	ND		27.0	4 1			NID				2007
Gasoline Range Organics	ND		27.8	mg/kg dry	1		ND				30%
Diesel Range Organics	ND		69.4	mg/kg dry	I		ND				30%

139

mg/kg dry

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Oil Range Organics

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

ND

ND

30%



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID Detection Reporting Spike Source % REC **RPD** Analyte Result Limit Units Dilution Amount Result % REC Limits RPD Limit Notes Limit Batch 24F0240 - EPA 3546 (Fuels) Soil Duplicate (24F0240-DUP2) Prepared: 06/07/24 10:15 Analyzed: 06/08/24 03:55 QC Source Sample: IDC01-6K-N-11' (A4F0906-17) Surr: o-Terphenyl (Surr) Recovery: 102 % Limits: 50-150 % Dilution: 1x 4-Bromofluorobenzene (Surr) $86\,\%$ 50-150 %

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Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

	Diesel and/or Oil Hydrocarbons by NWTPH-Dx													
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes		
Batch 24F0171 - EPA 3546 (F	uels)						Soil							
Blank (24F0171-BLK1)		Prepared	06/06/24 05:	05 Analyz	ed: 06/06/2	4 08:19								
NWTPH-Dx														
Diesel	ND		20.0	mg/kg w	et 1									
Oil	ND		40.0	mg/kg w	et 1									
Mineral Oil	ND		40.0	mg/kg w	et 1									
Surr: o-Terphenyl (Surr)		Recov	very: 102 %	Limits: 50	-150 %	Dilı	ution: 1x							
LCS (24F0171-BS1)		Prepared	06/06/24 05:	05 Analyz	ed: 06/06/2	4 08:41								
NWTPH-Dx														
Diesel	120		20.0	mg/kg w	et 1	125		96	38 - 132%					
Surr: o-Terphenyl (Surr)		Recov	very: 107 %	Limits: 50	-150 %	Dilı	ution: 1x							

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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AMENDED REPORT

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BB&A Environmental - Wilsonville
25195 SW Parkway Ave, Suite #207
Wilsonville, OR 97070

Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		D	iesel and/o	or Oil Hyd	rocarbor	s by NW	ΓPH-Dx					
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0567 - EPA 3546 (F	uels)						Soil					
Blank (24F0567-BLK1)		Prepared	06/17/24 12	:22 Analyz	ed: 06/17/2	4 18:21						
NWTPH-Dx												
Diesel	ND		20.0	mg/kg w	et 1							
Oil	ND		40.0	mg/kg w	et 1							
Surr: o-Terphenyl (Surr)		Reco	very: 103 %	Limits: 50	-150 %	Dila	ution: 1x					
LCS (24F0567-BS1)		Prepared	06/17/24 12:	:22 Analyz	ed: 06/17/2	4 18:41						
NWTPH-Dx												
Diesel	110		20.0	mg/kg w	et 1	125		88	38 - 132%			
Surr: o-Terphenyl (Surr)		Reco	very: 102 %	Limits: 50	-150 %	Dila	ution: 1x					
Duplicate (24F0567-DUP1)		Prepared	06/17/24 12:	:22 Analyz	ed: 06/17/2	4 22:08						
QC Source Sample: IDC01-I4-Di	N-2' (A4F090	06-03)										
NWTPH-Dx	•											
Diesel	227		21.7	mg/kg dr	y 1		134			52	30%	F-11, Q-04
Oil	ND		43.4	mg/kg dr	•		ND				30%	
Surr: o-Terphenyl (Surr)		Reco	overy: 91 %	Limits: 50	-150 %	Dila	ution: 1x					

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Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

	Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx													
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Note		
Batch 24F0185 - EPA 5035A							Soil							
Blank (24F0185-BLK1)		Prepared:	06/06/24 09:	00 Analyz	ed: 06/06/2	4 12:02								
NWTPH-Gx (MS)														
Gasoline Range Organics	ND		5.00	mg/kg w	et 50									
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 50	-150 %	Dilı	ution: 1x							
1,4-Difluorobenzene (Sur)			106 %	50-	·150 %		"							
LCS (24F0185-BS2)		Prepared:	06/06/24 09:	00 Analyz	ed: 06/06/2	4 11:35								
NWTPH-Gx (MS)														
Gasoline Range Organics	23.1		5.00	mg/kg w	et 50	25.0		92	80 - 120%					
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 50	-150 %	Dilı	ution: 1x							
1,4-Difluorobenzene (Sur)			105 %	50-	150 %		"							

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

			BTEX	Compou	nds by E	PA 8260D						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		Prepared	: 06/06/24 09	:00 Analyz	ed: 06/06/2	4 12:02						
5035A/8260D												
Benzene	ND		10.0	ug/kg we	et 50							
Toluene	ND		50.0	ug/kg we	t 50							
Ethylbenzene	ND		25.0	ug/kg we	t 50							
Xylenes, total	ND		75.0	ug/kg we	t 50							
Surr: 1,4-Difluorobenzene (Surr)		Reco	very: 103 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			100 %	79-	-120 %		"					
LCS (24F0185-BS1)		Prepared	: 06/06/24 09:	:00 Analyze	ed: 06/06/2	4 10:41						
5035A/8260D												
Benzene	1050		10.0	ug/kg we	et 50	1000		105	80 - 120%			
Toluene	976		50.0	ug/kg we	t 50	1000		98	80 - 120%			
Ethylbenzene	1010		25.0	ug/kg we	et 50	1000		101	80 - 120%			
Xylenes, total	3010		75.0	ug/kg we	et 50	3000		100	80 - 120%			
Surr: 1,4-Difluorobenzene (Surr)		Reco	very: 102 %	Limits: 80	-120 %	Dilı	ıtion: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			96 %	79-	120 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

			BTEX	Compou	nds by E	PA 8260D						
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0834 - EPA 5035A							Soil					
Blank (24F0834-BLK1)		Prepared	06/25/24 09:	:00 Analyze	ed: 06/25/2	4 11:54						
5035A/8260D												
Benzene	ND		10.0	ug/kg we	t 50							
Toluene	ND		50.0	ug/kg we	t 50							
Ethylbenzene	ND		25.0	ug/kg we	t 50							
Xylenes, total	ND		75.0	ug/kg we	t 50							
Surr: 1,4-Difluorobenzene (Surr)		Recov	very: 102 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			96 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			99 %	79-	120 %		"					
LCS (24F0834-BS1)		Prepared	: 06/25/24 09:	:00 Analyze	ed: 06/25/2	4 11:00						
5035A/8260D												
Benzene	1060		10.0	ug/kg we	t 50	1000		106	80 - 120%			
Toluene	1040		50.0	ug/kg we	t 50	1000		104	80 - 120%			
Ethylbenzene	1080		25.0	ug/kg we	t 50	1000		108	80 - 120%			
Xylenes, total	3280		75.0	ug/kg we	t 50	3000		109	80 - 120%			
Surr: 1,4-Difluorobenzene (Surr)		Recov	very: 100 %	Limits: 80-	-120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			101 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			99 %	79-	120 %		"					

 $No\ Client\ related\ Batch\ QC\ samples\ analyzed\ for\ this\ batch.\ See\ notes\ page\ for\ more\ information.$

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		Polya	romatic Hy	drocarbo	ns (PAHs) by EPA	8270E (SI	IM)				
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0798 - EPA 3546							Soil					
Blank (24F0798-BLK1)		Prepared	: 06/24/24 10:	00 Analyz	ed: 06/24/2	4 15:01						
EPA 8270E SIM												
Acenaphthene	ND		10.0	ug/kg we	et 1							
Acenaphthylene	ND		10.0	ug/kg we	et 1							
Anthracene	ND		10.0	ug/kg we	et 1							
Benz(a)anthracene	ND		10.0	ug/kg we	et 1							
Benzo(a)pyrene	ND		10.0	ug/kg we	et 1							
Benzo(b)fluoranthene	ND		10.0	ug/kg we	et 1							
Benzo(k)fluoranthene	ND		10.0	ug/kg we	et 1							
Benzo(g,h,i)perylene	ND		10.0	ug/kg we	et 1							
Chrysene	ND		10.0	ug/kg we	et 1							
Dibenz(a,h)anthracene	ND		10.0	ug/kg we	et 1							
Fluoranthene	ND		10.0	ug/kg we	et 1							
Fluorene	ND		10.0	ug/kg we	et 1							
Indeno(1,2,3-cd)pyrene	ND		10.0	ug/kg we	et 1							
Naphthalene	ND		10.0	ug/kg we	et 1							
Phenanthrene	ND		10.0	ug/kg we	et 1							
Pyrene	ND		10.0	ug/kg we	et 1							
Surr: 2-Fluorobiphenyl (Surr)		Rec	overy: 78 %	Limits: 44	-120 %	Dilı	ution: 1x					
p-Terphenyl-d14 (Surr)			76 %	54-	-127 %		"					
LCS (24F0798-BS1)		Drangrad	: 06/24/24 10:	00 Analyz	ad: 06/24/2	1 15:26						
EPA 8270E SIM		Trepared	. 00/24/24 10.	.00 Allaryzi	cu. 00/24/2	+ 13.20						
Acenaphthene	691		10.0	ug/kg we	et 1	800		86	10 - 123%			
Acenaphthylene	633		10.0	ug/kg we		800			32 - 132%			
Anthracene	669		10.0	ug/kg we		800			47 - 123%			
Benz(a)anthracene	644		10.0	ug/kg we		800			19 - 126%			
Benzo(a)pyrene	676		10.0	ug/kg we		800			45 - 129%			
Benzo(b)fluoranthene	643		10.0	ug/kg we		800			45 - 132%			
Benzo(k)fluoranthene	690		10.0	ug/kg we		800			47 - 132%			
Benzo(g,h,i)perylene	606		10.0	ug/kg we		800			13 - 134%			
Chrysene	701		10.0	ug/kg we		800			50 - 124%			
Dibenz(a,h)anthracene	711		10.0	ug/kg we		800			45 - 134%			
Fluoranthene	731		10.0	ug/kg we		800			50 - 127%			
Fluoranmene	657		10.0	ug/kg we		800			13 - 125%			
Tuorene	03/		10.0	ug/kg We	A 1	800		04	+3 = 12370			

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AMENDED REPORT

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		Polyar	omatic Hy	drocarbor	ns (PAHs) by EPA	8270E (SI	M)				
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24F0798 - EPA 3546							Soil					
LCS (24F0798-BS1)		Prepared	06/24/24 10:	00 Analyze	ed: 06/24/2	4 15:26						
Indeno(1,2,3-cd)pyrene	670		10.0	ug/kg we	t 1	800		84 4	45 - 133%			
Naphthalene	671		10.0	ug/kg we	t 1	800		84 3	35 - 123%			
Phenanthrene	666		10.0	ug/kg we	t 1	800		83	50 - 121%			
Pyrene	734		10.0	ug/kg we	t 1	800		92 4	47 - 127%			
Surr: 2-Fluorobiphenyl (Surr)		Rece	very: 80 %	Limits: 44-	-120 %	Dilı	ution: 1x					
p-Terphenyl-d14 (Surr)			75 %	54-	127 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

		Percent Dry Weight												
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes		
Batch 24F0184 - Total Solids	(Dry Weigh	nt) - 2022					Soil							
Duplicate (24F0184-DUP8)	· • • • • • • • • • • • • • • • • • • •													
OC Source Sample: IDC01-COM EPA 8000D	IP1 (A4F090	<u>6-18)</u>												
% Solids	89.0		1.00	%	1		90.8			2	10%			

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight													
Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 24F0232 - Total Solids	(Dry Weigh	nt) - 2022					Soil						
Duplicate (24F0232-DUP1)		Prepared	: 06/07/24 08::	23 Analy	zed: 06/10/2	4 06:52							
QC Source Sample: IDC01-I4-DS	S-2' (A4F090	<u>6-01)</u>											
<u>EPA 8000D</u> % Solids	78.0		1.00	%	1		80.7			3	10%		
Duplicate (24F0232-DUP2)		Prepared	: 06/07/24 08::	23 Analy:	zed: 06/10/2	4 06:52							
QC Source Sample: IDC01-I4-DI	M-2' (A4F09	<u>06-02)</u>											
<u>EPA 8000D</u> % Solids	84.6		1.00	%	1		84.4			0.2	10%		
Duplicate (24F0232-DUP3)		Prepared	: 06/07/24 08:	23 Analy:	zed: 06/10/2	4 06:52							
QC Source Sample: IDC01-I4-DI	N-2' (A4F090	<u>06-03)</u>											
<u>EPA 8000D</u> % Solids	78.0		1.00	%	1		79.0			1	10%		

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AMENDED REPORT

Apex Laboratories, LLC

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

		Hydrocarbor	Identification Scree	en by NWTPH-HCID	ı		
Prep: EPA 3546 (I	-uels)				Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0213							
A4F0906-18	Soil	NWTPH-HCID	06/05/24 16:00	06/06/24 15:22	10.18g/10mL	10g/10mL	0.98
A4F0906-19	Soil	NWTPH-HCID	06/05/24 16:05	06/06/24 15:22	10.41 g/10 mL	10g/10mL	0.96
Batch: 24F0240							
A4F0906-01	Soil	NWTPH-HCID	06/04/24 08:00	06/07/24 10:15	10.06g/10mL	10g/10mL	0.99
A4F0906 - 02	Soil	NWTPH-HCID	06/04/24 08:15	06/07/24 10:15	10.72g/10mL	10g/10mL	0.93
A4F0906-03	Soil	NWTPH-HCID	06/04/24 08:25	06/07/24 10:15	10.24g/10mL	10g/10mL	0.98
A4F0906-04	Soil	NWTPH-HCID	06/04/24 09:35	06/07/24 10:15	10.3g/10mL	10g/10mL	0.97
A4F0906 - 05	Soil	NWTPH-HCID	06/04/24 09:30	06/07/24 10:15	10.02g/10mL	10g/10mL	1.00
A4F0906 - 06	Soil	NWTPH-HCID	06/04/24 10:55	06/07/24 10:15	10.8g/10mL	10g/10mL	0.93
A4F0906-07	Soil	NWTPH-HCID	06/04/24 08:40	06/07/24 10:15	10.69g/10mL	10g/10mL	0.94
A4F0906-08	Soil	NWTPH-HCID	06/04/24 11:25	06/07/24 10:15	10.73g/10mL	10g/10mL	0.93
A4F0906 - 09	Soil	NWTPH-HCID	06/04/24 11:30	06/07/24 10:15	10.15g/10mL	10g/10mL	0.99
A4F0906-10	Soil	NWTPH-HCID	06/04/24 11:15	06/07/24 10:15	10.51g/10mL	10g/10mL	0.95
A4F0906-11	Soil	NWTPH-HCID	06/04/24 11:10	06/07/24 10:15	10.96g/10mL	10g/10mL	0.91
A4F0906-12	Soil	NWTPH-HCID	06/04/24 17:00	06/07/24 10:15	10.47g/10mL	10g/10mL	0.96
A4F0906-13	Soil	NWTPH-HCID	06/04/24 17:15	06/07/24 10:15	10.87g/10mL	10g/10mL	0.92
A4F0906-14	Soil	NWTPH-HCID	06/05/24 15:40	06/07/24 10:15	10.34g/10mL	10g/10mL	0.97
A4F0906-15	Soil	NWTPH-HCID	06/05/24 15:30	06/07/24 10:15	10.4g/10mL	10g/10mL	0.96
A4F0906-16	Soil	NWTPH-HCID	06/05/24 17:00	06/07/24 10:15	10.54g/10mL	10g/10mL	0.95
A4F0906-17	Soil	NWTPH-HCID	06/05/24 17:10	06/07/24 10:15	10.59g/10mL	10g/10mL	0.94

Diesel and/or Oil Hydrocarbons by NWTPH-Dx													
Prep: EPA 3546 (F	uels)				Sample	Default	RL Prep						
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor						
Batch: 24F0171													
A4F0906-18	Soil	NWTPH - Dx	06/05/24 16:00	06/06/24 17:43	11.21g/5mL	10g/5mL	0.89						
A4F0906-19RE1	Soil	NWTPH-Dx	06/05/24 16:05	06/06/24 17:43	11.09g/5mL	10g/5mL	0.90						
Batch: 24F0567													
A4F0906 - 03	Soil	NWTPH-Dx	06/04/24 08:25	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91						
A4F0906 - 04	Soil	NWTPH-Dx	06/04/24 09:35	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91						
A4F0906 - 09	Soil	NWTPH-Dx	06/04/24 11:30	06/17/24 12:43	11.18g/5mL	10g/5mL	0.89						
A4F0906-10	Soil	NWTPH-Dx	06/04/24 11:15	06/17/24 12:43	11.02g/5mL	10g/5mL	0.91						
A4F0906-13RE1	Soil	NWTPH-Dx	06/04/24 17:15	06/17/24 12:43	11.21g/5mL	10g/5mL	0.89						

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - WilsonvilleProject:R McLean Wilsonville25195 SW Parkway Ave, Suite #207Project Number:IDC01DEC.24UC

Wilsonville, OR 97070 Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

<u>Prep: EPA 5035A</u>					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0185							
A4F0906-18	Soil	NWTPH-Gx (MS)	06/05/24 16:00	06/06/24 10:44	5.31g/5mL	5g/5mL	0.94
A4F0906-19	Soil	NWTPH-Gx (MS)	06/05/24 16:05	06/06/24 10:44	5.54g/5mL	5g/5mL	0.90
		ВТЕ	EX Compounds by E	EPA 8260D			
<u>Prep: EPA 5035A</u>					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0185							
A4F0906-18	Soil	5035A/8260D	06/05/24 16:00	06/06/24 10:44	5.31g/5mL	5g/5mL	0.94
A4F0906 - 19	Soil	5035A/8260D	06/05/24 16:05	06/06/24 10:44	5.54g/5mL	5g/5mL	0.90
Batch: 24F0834							
A4F0906-13	Soil	5035A/8260D	06/04/24 17:15	06/04/24 17:15	7.25g/5mL	5g/5mL	0.69

		Polyaromatic H	lydrocarbons (PAHs) by EPA 8270E (SI	VI)		
Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0798							
A4F0906-13	Soil	EPA 8270E SIM	06/04/24 17:15	06/24/24 10:00	11.46g/5mL	10g/5mL	0.87

			Percent Dry We	ight			
Prep: Total Solids (Dry Weight) - 20	<u>22</u>			Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
Batch: 24F0184							
A4F0906 - 18	Soil	EPA 8000D	06/05/24 16:00	06/06/24 19:25			NA
A4F0906 - 19	Soil	EPA 8000D	06/05/24 16:05	06/06/24 19:25			NA
Batch: 24F0232							
A4F0906 - 01	Soil	EPA 8000D	06/04/24 08:00	06/07/24 08:23			NA
A4F0906 - 02	Soil	EPA 8000D	06/04/24 08:15	06/07/24 08:23			NA
A4F0906 - 03	Soil	EPA 8000D	06/04/24 08:25	06/07/24 08:23			NA
A4F0906 - 04	Soil	EPA 8000D	06/04/24 09:35	06/07/24 08:23			NA
A4F0906 - 05	Soil	EPA 8000D	06/04/24 09:30	06/07/24 08:23			NA
A4F0906 - 06	Soil	EPA 8000D	06/04/24 10:55	06/07/24 08:23			NA
A4F0906 - 07	Soil	EPA 8000D	06/04/24 08:40	06/07/24 08:23			NA

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville
Project Number: IDC01DEC.24UC

Report ID: A4F0906 - 07 03 24 0935

SAMPLE PREPARATION INFORMATION

Project Manager: Steve Omo

			Percent Dry We	ight			
Prep: Total Solids	s (Dry Weight) - 202	<u>2</u>			Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
A4F0906 - 08	Soil	EPA 8000D	06/04/24 11:25	06/07/24 08:23			NA
A4F0906 - 09	Soil	EPA 8000D	06/04/24 11:30	06/07/24 08:23			NA
A4F0906-10	Soil	EPA 8000D	06/04/24 11:15	06/07/24 08:23			NA
A4F0906-11	Soil	EPA 8000D	06/04/24 11:10	06/07/24 08:23			NA
A4F0906-12	Soil	EPA 8000D	06/04/24 17:00	06/07/24 08:23			NA
A4F0906-13	Soil	EPA 8000D	06/04/24 17:15	06/07/24 08:23			NA
A4F0906-14	Soil	EPA 8000D	06/05/24 15:40	06/07/24 08:23			NA
A4F0906-15	Soil	EPA 8000D	06/05/24 15:30	06/07/24 08:23			NA
A4F0906-16	Soil	EPA 8000D	06/05/24 17:00	06/07/24 08:23			NA
A4F0906-17	Soil	EPA 8000D	06/05/24 17:10	06/07/24 08:23			NA

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AMENDED REPORT

Apex Laboratories, LLC

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070

R McLean Wilsonville Project: Project Number: IDC01DEC.24UC Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-26	Result for Diesel (Diesel Range Organics, C12-C18) is due to overlap from Gasoline or a Gasoline Range product.
H-01	Analyzed outside the recommended holding time.
H-02	This sample was extracted outside of the recommended holding time.
M-04	Due to matrix interference, this analyte cannot be accurately quantified. The reported result may contain a high bias.
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
Q-39	Results for sample duplicate are higher than the sample results. See duplicate results in QC section of the report.
Q-42	Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)
R-02	The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
S-05	Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
V-15	Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was preserved in the laboratory within 48 hours of sampling.

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6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Report ID:

A4F0906 - 07 03 24 0935

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: RMcLean Wilsonville
Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported.

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

<u>Detection Limits:</u> <u>Limit of Detection (LOD)</u>

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.

The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")

See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

"___" Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

"---" QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).

Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.

- -For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
- -For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project Number: IDC01DEC.24UC
Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

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AMENDED REPORT

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

Apex Laboratories, LLC

ORELAPID: OR100062

BB&A Environmental - Wilsonville Project: R McLean Wilsonville

25195 SW Parkway Ave, Suite #207Project Number:IDC01DEC.24UCReport ID:Wilsonville, OR 97070Project Manager:Steve OmoA4F0906 - 07 03 24 0935

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the <u>exception</u> of any analyte(s) listed below:

Apex Laboratories

Matrix Analysis TNI_ID Analyte TNI_ID Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville Project: R McLean Wilsonville 25195 SW Parkway Ave, Suite #207

Project Number: IDC01DEC.24UC Wilsonville, OR 97070

Report ID: Project Manager: Steve Omo A4F0906 - 07 03 24 0935

Company: BB&A Environmental	3 Ph: 56	12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333	23 Fax:	503-7	18-03.	33												
		Project Mgr:		Steve Omo	шo				P _P	ject Na	ıme:	R McI	Jean 1	Project Name: R McLean Wilsonville			Project# IDC01DEC.24UC	4UC
Address: 25195 SW Parkway Ave, #207, Wilsonville, 0R 97070	s, OR 97070						Phone:		503-570-9484	9484		Fax			Email:		smom@bbaenv.com	
Sampled by: Steve Omo				- Andrews									ANA	ANALYSIS REQUEST	ST			
Sie Location: WA OR				VINERS					920	sH/			*	, Be, Cd Be, Cd Go, Ni, K,				
TAB ID#	DATE	LIME	XIATAM	# OF CONT	OH-HALMN	NWTPH-Gx	N + X3LE	8260 RBDM	8760 VOCs 8260 Halo V	44 MIS 0728	8087 PCBs	8081 Chlor. I	RCRA Metal	Priority Meta Al, Sb, As, Ba Sa, Cr, Co, Cu Ig, Mg, Mn, M ic, Ag, Wa, II,	TCLP Metals	1700-COF2	Z-00Z1	7/1 · · · · · · · · · · · · · · · · · · ·
IDC01 - 14 - DS-2'	6/4/2024	8:00	s	٣	×							-	-	S H D				
IDC01 - 14 - DM-2'	6/4/2024	8:15	s	က	·×											П		
DC01 - 14 - DN-2"	6/4/2024	8:25	တ	8	بر			\vdash										
DC01 - 13 - DN-3*	6/4/2024	9:35	S	3	×													
IDC01 - 13 - DS-3'	6/4/2024	9:30	s	က	×													
IDC01 I1 - DN -2.5'	6/4/2024	10:55	S		X													
DC01 - E Elbow PL-2'	6/4/2024	8:40	w	m	X													
IDC01 - PL-3/4N-2"	6/4/2024	11:25	w	m	7	\dashv		\dashv	_		7	\dashv	\dashv			7		
IDC01 PL-3/4M-2'	6/4/2024	11:30	တ	6	×	_			_			_	\dashv			\neg		
IDC01 - PL-2/3-3'	6/4/2024	11:15	ဟ	6	×							\dashv	-					
DC01 - PL-1/2-2.5'	6/4/2024	11:10	S	60	eq							\dashv	\dashv			_		
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4 DAY		5 DAY		Other:			Ĩ			\$		3	ĺ		Š	_		
SAMPLES ARE HELD FOR 30 DAYS	HELD FO	R 30 DAY	S					Т										
Signatura Date: 61612024	42		RECEIVI Signature:	RECEIVID BY	1/2	~~	77	Sig. X	RELINQU Signature:	RELINQUISHED BY: Signature:	BY:			Date:			RECEIVED BY: Signature:	<i>y.</i>
med Name. Time.	ာ		Printe		77	4	25	F. C	Printed Name	me:				Тіте:			Printed Name:	
Company: BB&A ENVIRONMENTAL			Company:	<u>پ</u>	K	ő		ರ	Company:					2004 2004 2004 2004			Company:	

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Report ID:

A4F0906 - 07 03 24 0935

BB&A Environmental - Wilsonville Proje

25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

Project: R McLean Wilsonville

Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

																	1.	77	Dir	MICONOL			
12232 S.W. Garden Place, Tigard, OR 97223 Ph.: 503-718-2323 Fax: 503-718-0333	OR 9	17223 Ph: .	503-718-	2323 Fe	х: 503	-218-6	1333										9	֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	14	2	N.I.		
Company: BB&A Environmental			Project Mgr:	Mgr:	Steve Omo	Omo				Heled	Project	Name:	R M	cLear	ı Wils	Project Name: R McLean Wilsonville			Project#	Project# IDC01DEC.24UC	EC.24U	ပ	
Address: 25195 SW Parkway Ave, #207, Wilsonville, OR 97070	Wilso	nville, OR 970	070					Ph	Phone:	503-57	503-570-9484	4	Fax:				Email:	H	smomo@	smomo@bbaenv.com			
Sampled by: Steve Omo)						AN	ALYS	ANALYSIS REQUEST	EST						
Site Location: WA OR Other:					VINERS	GID		7131x	A VOCs			erro	Pest	(8) sh		u, Fe, Pb Mo, Ni, K,		5			***************************************		
SAMPLE ID	# di # A l	DATE	TIME	XINTAM	# OE CONI	имтрн-на	G-H9TWN	BLEX + N NMLbH-C	8560 KBDN	V olsH 0528	8200 AOC8	8087 PCBs 8270 SIM P	8081 Chlor.	RCRA Meta	Priority Met	Al, Sb, As, B Ca, Cr, Co, C Ig, Mg, Mn, Ig, Ag, Na, T	TCLP Metal	1500-COF	Z-0071				
IDC01 - E20K - M - 15'	-	6/4/2024	17:00	S	m	×		-				-	<u> </u>						_		L		
IDC01 - E20K - S - 13.5'	_	6/4/2024	17:15	ဟ	m	×						H											
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IDC01 - 6K - N - 11'	_	65/2024	17:10	S	6	×				- 4	-	-											
IDC01 - COMP1		6/5/2024	16:90	w	-	×	X	<u>,</u>	1	1	3	1											
IDC01 - COMP2		6/5/2024	16:05	တ	-	X	X	,	\prod	X	1881	3											
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Normal Tur	III A	Normal Turn Around Time (TAT) = 7-10 Business Days	TAT = 7-	10 Busin	less Days			\dashv		SPECI	-IAL IN	SPECIAL INSTRUCTIONS:	CTIO	ZS:									
TAT Requested (circle)	(3)	(B)	48 HR		72 HR	- T	9.4	70					Z	Ö	Z	EMAIL DRAFT RESULTS	3	<u></u>	e etc				
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	ESA	SAMPLES ARE HELD FOR 30 DAYS	FOR 30 D.	S S																			
Signative: Signature: Authority Authority Signature:	Date: 6/6/2	Date: 6/6/2024		REC	RECEIVED BY: Signature:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 2	41	10	RELINQUISHED BY: Signature:	re:	HED BY	e:			Date:				RECEIVED BY: Signature:	SD BY:		
Princed Name: Kowydull BOLK	Time:	me:	23	Prif	Prighed Nathe	EZ.	H	1	70	Prined Name:	Name:			87		Time:				Printed Name	ıme:		
Company: BB&A ENVIRONMENTAL				Com	Company:	1	7	7		Contpany:	ny:								e de	Company:			
						_		ĸ															

Apex Laboratories



AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 Project: R McLean Wilsonville
Project Number: IDC01DEC.24UC

Project Manager: Steve Omo

Report ID: A4F0906 - 07 03 24 0935

	APEX LABS COOLER RECEIPT FORM
Client: BB=	Findivonmental Element WO#: A4 F0406
	R. McLean Wilanville IDOIDEC. 244C
Delivery Info:	
Date/time received:	44124 @ 8(X) By: J
Delivered by: Apex_	
From USDA Regula	
Cooler Inspection	Date/time inspected: 144/24 @ 803 By: 5
Chain of Custody inc	cluded? Yes No
Signed/dated by clien	nt? Yes No No
Contains USDA Reg	Soils? Yes No Unsure (email RegSoils)
	Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 Cooler #7
Temperature (°C)	3.1
Custody seals? (Y/N)
Received on ice? (Y/	N) <u>4</u>
Temp. blanks? (Y/N)	<u>M</u>
Ice type: (Gel/Real/O	ther) <u>Gel</u>
Condition (In/Out):	<u>th</u>
Out of temperature sat Sample Inspection:	out of temperature samples? Yes No mples form initiated? Yes No Date/time inspected: 19 19 19 19 19 19 19 19 19 19 19 19 19
6/4/24 on &U COC/container discrep	gree? Yes No \times Comments: Don IDC01-4K-N-11 vands We contist to the contist of the continuous of the continuous of the continuous of the contist of the continuous of the continu
	95 616 Comments. 45/c4
Comments	sible headspace? Yes No NA X
	ecked: YesNoNA pH appropriate? YesNoNA pH ID:
Comments:	
Labeled by:	Witness: Cooler Inspected by: Form Y-003 R-02

Apex Laboratories



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

Wednsay, Jeud II, 3230 Sldvd Omh BB&i Euvfchumdula. - t f.nhuvf..d 35I 95 St PaoTway i vd, Sefld #321 t f.nhuvf..d, OR 91212

RE: i 0F2926 - R Mcpdau t f.nhuvf..d - IDC2I DECt80UC

WhauTyhe khoenfur i gdApaxhoalhofdnb t drodaLy aggodcfald yheoxenfudnn aus nlofvd lh gdnvfsd l4d 4fr 4dnLqea.fly ndovfcdn lh l4d duvfchumdula. fusenloyb

Euc.hnds acd L4d cdne.ln hkaua.yndn khowhoT hosdoi 0F2926, w4fc4 wan cdcdfvds xy L4d .axhoalhoy hu 6/6/3230 aL 8:22:22i Mb

Ikyhe 4avd auy qednlihun chucdcufur L4fn cdghd_hoL4d ndovfcdn wd hlkdo, g.dand kdd. kcdd Lh chulacLmd xy dmaf. al: Di evf.@agdA.axnbchm, hoxy g4hud aL527-1I 8-3737b

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Chh.doRdcdfgLlukhomalfhu

i ccdglax.d RdcdfgLWdmgdcalecd fn .dnn l4au, hodgea. lh, 6 sdr C (uhLkchzdu), hocdcdfvds hu fcd l4d namd say an namg.fur b

(Sdd Chh.doRdcdfgLFhcm khosdlaf.n)

Ddkae.LChh.do 7b sdr C

W4fn Ffua. Rdghd_fn L4d hlxfcfa. vdonfhu hkl4d sala odne.ln khol4fn namg.d nexmfnnfhu, eu.dnn negdondsds xy a nexndgeduL .axd.ds amdusds odghdb

i .. hl4dosd.fvdax.dn sddvds khm l4fn sala, fuc.esfur E.dclchufc Dala Dd.fvdax.dn (EDDn), CpP-.fTd khomn, c.fdul.adgednlds nemmacy n4ddln, aus a.. hl4dogdsecln ad chunfsdas ndchusacy lh l4fn adghdb





AsTg LMpxMxMTt



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin,: RMcLean Wilsonville
PNx3fin, 4 r j pTN IDC01DEC.24UC
PNx3fin, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL REPORT FOR SAMPLES

	SAMPLE INFORMA	ATION		
Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
IDC01-COMP1	A4F0906-18	Soil	06/05/24 16:00	06/06/24 08:00
IDC01-COMP2	A4F0906-19	Soil	06/05/24 16:05	06/06/24 08:00

AsTg LMpxNMxNTt

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin, 4 r j pTN | **R McLean Wilsonville**PNx3fin, 4 r j pTN | **IDC01DEC.24UC**PNx3fin, S MMxTN | **Steve Omo**

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

	Hydro	carbon Iden	tification S	reen by NWTP	H-HCID			
Ai Mam,T	CNjisaT R∏tra,	DT,Tn,lxi Llj l,	RTsxŅli c Llj 1,	d i l,t	Dlar,lxi	DMT Ai Mam Ty	S T,2xy RTch	4 x,Tt
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0213	
HMfxali TRMicTON Milnt	4 D	WW	1bHU	j cz/c yNm	ь	fUxfUx10 16:00	48 9Pk Wev ID	
DITtTaRMcTON Milnt	4 D	ww	- 0lb	j cz/cyNan	b	fUxfUz10 16:00	48 9Pk Wev ID	
OlaRMicTON Milnt	DET	WW	bfG	j cz/cyNnn	b	f UxfUx 10 16:00	48 9Pk Wev ID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	1	06/06/24 23:44	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			89 %	50-150 %	1	06/06/24 23:44	NWTPH-HCID	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0213	
HMtxali TRMicTON Milnt	4 D	WW	1fh	j cz/c yNm	b	fUf7zl0 ff:f-	48 9Pk Wev ID	
DITt TaRMicTON: Milnt	4 D	ww	- bh0	j cz/cyNan	b	fUxf7z10 ff:f-	48 9Pk Wev ID	
OlaRMcTON Milnt	4 D	WW	bf6	j cz/cyNnh	b	f U f7z10 ff:f-	48 9Pk Wev ID	
Surrogate: o-Terphenyl (Surr)		Reco	very: 95 %	Limits: 50-150 %	1	06/07/24 00:05	NWTPH-HCID	
4-Bromofluorobenzene (Surr)			95 %	50-150 %	1	06/07/24 00:05	NWTPH-HCID	

AsTg LMpxNMxNTt

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 4 r j pTN | RMcLean Wilsonville
PNx3In, 4 r j pTN | IDC01DEC.24UC
PNx3In, S MIMTN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

	Die	sel and/or C	il Hydrocar	bons by NWTP	H-Dx			
	CMj[sa∏	DT,Tn,lxi	RTs xŊli c			DMГ		
Ai MamgT	RTtra,	Llj l,	Llj l,	d i l,t	Dlar,lxi	Ai Mam Ty	S T,2xy RTdn	4 x,Tt
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0171	
DITtTa	4 D	W	b5HJ	j cz/c yNnn	b	f Uzf Uz10 1b:01	48 9Pk WDg	
Oil	43.4	WW	6516	j cz/cyNnn	b	fUxfUx10 1b:01	48 9Pk WDg	
Surrogate: o-Terphenyl (Surr)		Reco	very: 89 %	Limits: 50-150 %	1	06/06/24 21:42	NWTPH-Dx	
IDC01-COMP2 (A4F0906-19RE1)				Matrix: Soil		Batch:	24F0171	
DITtTa	4 D	W	b5l6	j cz/c yNnn	b	fUxf7z10 fG1-	48 9Pk WDg	F W U
Ola	4 D	WW	6GU	j cz/cyNnn	b	fUxf7z10 fG1-	48 9Pk WDg	
Surrogate: o-Terphenyl (Surr)		Reco	very: 96 %	Limits: 50-150 %	1	06/07/24 08:25	NWTPH-Dx	

AsTg LMpxNMxNTt

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PM(T0 xo1f



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PN:3In, 4 r j pTN | R McLean Wilsonville
PN:3In, 4 r j pTN | IDC01DEC.24UC
PN:3In, S MM:7TN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

Gasol	ine Range Hy	drocarbons	(Benzene t	hrough Naphtha	alene) by	NWTPH-Gx		
Ai Mam,T	CNyllsaT R∏tra,	DT,Tn,lxi Llj l,	RTsxNli c Llj l,	d i l,t	Dlar,lxi	DMT Ai Mm Ty	S T,2xy RTch	4 x,T
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch	: 24F0185	V-15
HMxali TRMcTON;MInt	4 D	w	- H.5	j cz/cyNnin	- f	fUnfUnl0 bUfU	4 8 9 Pk WHg (S C)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 94 %	Limits: 50-150 %	5 1	06/06/24 16:06	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	5 1	06/06/24 16:06	NWTPH-Gx (MS)	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch	: 24F0185	V-15
Gasoline Range Organics	35.0	WW	- lb7	j cz/c yN⁄m	- f	fUzfUzl0 bU66	48 9Pk WHg (S C)	
Surrogate: 4-Bromofluorobenzene (Sur)		Reco	very: 96 %	Limits: 50-150 %	5 1	06/06/24 16:33	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			107 %	50-150 %	5 1	06/06/24 16:33	NWTPH-Gx (MS)	

AsTg LMpxNMxNTt

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PMT- xolf



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin, 4 r j pTN | IDC01DEC.24UC
PNx3fin, 5 MMxTN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

		BTEX Con	npounds b	y EPA 8260D				
Ai Mann,T	CMjisaT R∏tra,	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	DMT Ai Mam Ty	S T,2xy RTdh	4 x,Ti
IDC01-COMP1 (A4F0906-18)				Matrix: Soil		Batch:	24F0185	V-15
BTi . Ti T	4 D	WW	bbh0	rcz/cyNnn	- f	functual 0 bufu	-f6-AzGlUfD	
9xar Ti T	4 D	ww	-Un	rcz/cyNnh	- f	fUnfUnlo bUlfU	-f6-AzGlUfD	
E,2mapTi . Ti T	4 D	ww	1G0	rcz/cyNnn	- f	fuxfux10 butfu	-f6-AzGlUfD	
Xmalli Ttu,x,Ma	4 D	WW	G-16	rcz/cyNn	- f	fUxfUz10 bUfU	-f6-AzGlUfD	
Surrogate: 1,4-Difluorobenzene (Surr)		Recover	y: 102 %	Limits: 80-120 %	1	06/06/24 16:06	5035A/8260D	
Toluene-d8 (Surr)			100 %	80-120 %	1	06/06/24 16:06	5035A/8260D	
4-Bromofluorobenzene (Surr)			101 %	79-120 %	1	06/06/24 16:06	5035A/8260D	
IDC01-COMP2 (A4F0906-19)				Matrix: Soil		Batch:	24F0185	V-15
BTi . Ti T	4 D	ww	bf l6	rcz/cyNnn	- f	fUrfUrl0 bU66	-f6-AzGlUfD	
9xar Ti T	4 D	ww	- bh7	rcz/cyNn	- f	f U fU10 bU66	-f6-AzGlUfD	
Ethylbenzene	52.2	ww	1-h5	rcz/cyNan	- f	fUnfUnl0 bU66	-f6-AzGlUfD	M-04
Xylenes, total	490	WW	77 h U	rcz/cyNnn	- f	fUnfUnio bU66	-f6-AzGlUFD	
Surrogate: 1,4-Difluorobenzene (Surr)		Recover	y: 103 %	Limits: 80-120 %	1	06/06/24 16:33	5035A/8260D	
Toluene-d8 (Surr)			101 %	80-120 %	1	06/06/24 16:33	5035A/8260D	
4-Bromofluorobenzene (Surr)			96 %	79-120 %	1	06/06/24 16:33	5035A/8260D	

AsTg LMpxNMxNTt

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PMtTUxo1f



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 4 r j pTN | RMcLean Wilsonville
PNx3In, 4 r j pTN | IDC01DEC.24UC
PNx3In, S MIMTN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

ANALYTICAL SAMPLE RESULTS

		Po	ercent Dry W	eight				
Ai Mann,T	CMjsál RTtra,	DT,Tn,lxi Llj l,	RTsxNli c Llj l,	d i l,t	Dlar ,lxi	DMT Ai Mam Ty	S T,2xy RTth	4 x,Tt
IDC01-COMP1 (A4F0906-18)				Matrix: So	oil	Batch:	24F0184	
% Solids	90.8	WW	blff	%	b	fUzf7zl0 fU-b	EPA OFFFD	
IDC01-COMP2 (A4F0906-19)				Matrix: So	oil	Batch:	24F0184	
% Solids	93.5	WW	blff	%	b	f Uz f7zl0 fU-b	EPA GfffD	

AsTg LMpxNMxNTt



Apex Laboratories, LLC

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207

Wilsonville, OR 97070

PNx3fin,: RMcLean Wilsonville
PNx3fin, 4 r j pTN IDC01DEC.24UC
PNx3fin, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

		Hydi	rocarbon lo	dentificati	on Scree	en by NW	PH-HCIE)				
Ai Mam,T	RTtra,	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr NnT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,Ti
Batch 24F0213 - EPA 3546 (Fu	ıels)						Soil					
Blank (24F0213-BLK1) NWTPH-HCID		PNIs MNIy:	fUzfUzl0 b0:	b7 AiMam	Ty: fUzfUzl	0 b5:b0						
HMxali TRM1cTON;M1Int	4 D	ww	1flf	j cz/c w′	T, b	ww	ww	ww	ww	ww	WW	
DITt TaRMIcT ON MIInt	4 D	WW	-flf	j cz/c w	T, b	WW	ww	WW	ww	WW	ww	
OlaRMcTON:MInt	4 D	WW	bff	j cz/c w	T, b	WW	WW	WW	WW	WW	WW	
Surr: o-Terphenyl (Surr)		Reco	very: 111 %	Limits: 50	-150 %	Dilı	ution: 1x					
4-Bromofluorobenzene (Surr)			111 %	50-	-150 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxMxMTt

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Apex Laboratories, LLC

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Wilsonville, OR 97070

PNx3fin,: RMcLean Wilsonville
PNx3fin, 4 r j pTN IDC01DEC.24UC
PNx3fin, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

		D	iesel and/d	or Oil Hyd	rocarbor	ns by NWT	PH-Dx					
Ai MamgT	RTtr a,	DT,Tn,lxi Llj l,	RTsxNli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr NnT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,T
Batch 24F0171 - EPA 3546	(Fuels)						Soil					
Blank (24F0171-BLK1)		PNIs MNIy:	fUfUd0f-	:f- AiMam	Ty: fUafUal	0 fGb5						
NWTPH-Dx												
DITt Ta	4 D	WW	1fhf	j cz/c w	Γ, b	WW	WW	WW	WW	WW	WW	
Ola	4 D	WW	0flf	j cz/c w	Γ, b	WW	WW	WW	WW	WW	WW	
S li T Ma Ola	4 D	WW	0flf	j cz/c w	Г, в	WW	WW	WW	WW	WW	WW	
Surr: o-Terphenyl (Surr)		Recov	very: 102 %	Limits: 50-	-150 %	Dilı	tion: 1x					
LCS (24F0171-BS1)		PNIs MNIy:	fUzfUzl0f-	:f- AiMam	Ty: fUzfUzl	0 fG0b						
NWTPH-Dx												
DITt Ta	blf	WW	1f lf	j cz/c w	Г, в	b1-	WW	5U	6GWb61%	WW	WW	
Surr: o-Terphenyl (Surr)		Recov	very: 107 %	Limits: 50-	-150 %	Dilı	tion: 1x					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PN:3In,: RMCLean Wilsonville
PN:3In, 4 r j pTN IDC01DEC.24UC
PN:3In, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

	Gasoli	ne Range H	ydrocarbo	ns (Ben	zene thro	ugh Naph	thalene) l	oy NWTF	PH-Gx			
Ai Mam,T	RTtr a,	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr NaT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,T
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		PNTs MNTy:	fUnfUnl0f5:	ff AiMan	Ty: fUzfUzl	0 b1:f1						
NWTPH-Gx (MS)												
HMxali TRMcTONMInt	4 D	WW	-lff	j cz/c v	vT, - f	WW	WW	WW	WW	WW	WW	
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 5	0-150 %	Dilı	ution: 1x					
1,4-Difluorobenzene (Sur)			106 %	5	0-150 %		"					
LCS (24F0185-BS2)		PNTs MNTy:	fUzfUzl0f5:	ff AiMan	n Ty: f Uzf Uzl	0 bb:6-						
NWTPH-Gx (MS)												
HMxali TRMcTON MInt	16 lb	WW	- lf f	j cz/c v	vT, - f	1-hf	WW	51	Of Wolf%	WW	WW	
Surr: 4-Bromofluorobenzene (Sur)		Reco	very: 91 %	Limits: 5	0-150 %	Dilı	ıtion: 1x					
1,4-Difluorobenzene (Sur)			105 %	5	0-150 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

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PN:3In, 4 r j pTN IDC01DEC.24UC
PN:3In, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

			BTEX	Compou	nds by E	PA 8260D)					
Ai MamgT	RTtra,	DT,Tn,lxi Llj l,	RTsxNli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr MiT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,Tt
Batch 24F0185 - EPA 5035A							Soil					
Blank (24F0185-BLK1)		PNIs MNIy:	fUnfUnl0f5	:ff AiMam	Ty: fUzfUz1	0 b1:f1						
5035A/8260D												
BTi . Ti T	4 D	WW	bflf	r cz/ c w∃	, -f	WW	WW	WW	WW	WW	WW	
9xar Ti T	4 D	WW	-flf	r cz/ c w∃	, -f	WW	WW	WW	WW	WW	WW	
E,2mpTi . Ti T	4 D	WW	1-lf	r cz/ c w∃	, -f	WW	WW	WW	WW	WW	WW	
Xmili Ttu,x,Mi	4 D	WW	7- lf	r cz/ c w7	, -f	WW	WW	WW	WW	WW	WW	
Surr: 1,4-Difluorobenzene (Surr)		Recov	ery: 103 %	Limits: 80-	120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			100 %	79-	120 %		"					
LCS (24F0185-BS1)		PNIs MNIy:	fUHUI0f5	:ff AiMam	Ty: fUbfUbl	0 bf:0b						
5035A/8260D												
BTi . Ti T	bf-f	WW	bflf	r cz⁄ c w]	, -f	bfff	WW	bf-	Of Wb1f%	WW	WW	
9xar Ti T	57U	WW	-flf	r cz/ c w∃	, -f	bfff	WW	5G	Of Wb1f%	WW	WW	
E,2mapTi . Ti T	bfbf	WW	1 - lf	r cz/ c w∃	, -f	bfff	WW	bfb	Of Wb1f%	WW	WW	
XmaTi Ttu,x,Ma	6fbf	WW	7 - lf	r cz/ c w7	, -f	6fff	WW	bf f	Of Wb1f%	WW	WW	
Surr: 1,4-Difluorobenzene (Surr)		Recov	ery: 102 %	Limits: 80-	120 %	Dilı	ution: 1x					
Toluene-d8 (Surr)			102 %	80-	120 %		"					
4-Bromofluorobenzene (Surr)			96 %	79-	120 %		"					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

AsTg LMpxNMxNTt

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PN:3Ih, 4 r j pTN IDC01DEC.24UC
PN:3Ih, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALITY CONTROL (QC) SAMPLE RESULTS

				Percen	t Dry Wei	ght						
Ai Mam,T	RTtra,	DT,Tn,lxi Llj l,	RTsxŅli c Llj l,	d i l,t	Dlar,lxi	Csl/T Aj xri,	Cxr MiT RTtra,	% REv	% REv Llj l,t	RPD	RPD Llj l,	4 x,Tt
Batch 24F0184 - Total Solids	(Dry Weigl	nt) - 2022					Soil					
Duplicate (24F0184-DUP8)		PNTs MNTy	: fUzfUzl0 b5:	1- AiMan	n Ty: f Uzf 7z1	0 fU-b						
QC Source Sample: IDC01-COM EPA 8000D	IP1 (A4F090	<u>6-18)</u>										
% Cxalyt	89.0	WW	blff	%	b	WW	5flG	WW	WW	1	bf%	

AsTg LMpxNMxNTt



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PNx3In, 4 r j pTN | IDC01DEC.24UC
PNx3In, S MMATN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

SAMPLE PREPARATION INFORMATION

		Hyschcaoxhu	Isdulfkfcalfhu Scodo	duxyNtWPH-HCID	·		
Padg: EPi 7506 (Fe	ed.n)				CM∫lsaT	DTo M a,	RL PNIs
LMp 4 rj pTN	S MMg	S T,2xy	CM∫ saTy	PNTs MTy	Iil,lMazFliMa	Ii 1,1NabFli Ma	FM1,xN
Balc4: 30F23l 7							
A0Ff5fUNG	Cxla	48 9Pk WevID	fUzf-zl0bUff	fUzfUz10b-:11	bflbCczbfj L	bfczbfj L	f l fG
A0Ff5fUW5	Cxla	489PkWkvID	fUzf-zl0bUf-	fUzfUzl0 b-:11	bfh0bczbfj L	bfczbfj L	ftsU
		Dfdnd. aus	s/hoOf. Hyschcackhi	un xy Nt WPH-DA			
Padg: EPi 7506 (Fe	ed.n)				CMjIsaT	DTo M a,	RL PNs
LMp/4rjpTN	S MNig	S T,2xy	CM∕IsáTy	PNIs MNIy	Iil,lMazFliMa	Iil,lMa2FliMa	FMi,xN
Balc4: 30F2 1	-	·		·			
A0Ff5fUNNG	Cxla	48 9Pk W Dg	fUzf-zl0bUff	fUzfUzl0 b7:06	bbhlbcz-j L	bfcz-j L	flæ
A0Ff5fUW5REb	Cxla	48 9Pk WDg	fUf-zl0bUf-	fUfUd0 b7:06	bblf5cz-j L	bfcz-j L	fhff
	Gar	nh.fud Raur d Hyschcao	khun (Bduzdud l4ch	er 4 Nag4l4a.dud) x	y Nt WPH-GA		
Padg: EPi <u>5275i</u>					CMjIsáT	DTo M a,	RL PNs
LMp14rjpTN	S MNg	S T,2xy	CM∕IsaTy	PNTs MNTy	Iil,lMa2FliMa	Iil,lMazFliMa	FMi,xN
Balc4: 30F2I 85							
A0Ff5fUNoG	Cxla	48 9Pk WMg (S C)	fUzf-zl0bUff	fUnfUnl0 bf:00	-libbezj L	-cz-j L	f160
A0Ff5fU W 5	Cxla	4 8 9 Pk WHg (S C)	fUf-zl0bUf-	fUfUd0 bf:00	-h0czjL	-cz-j L	flof
		BW	EX Chmgheusn xy E	EPi 8362D			
Padg: EPi 5275i					CM∫rsáT	DTo M a,	RL PNs
LMp 4 rj pTN	S MMg	S T,2xy	CM∕IsaTy	PNTs MNTv	Iil,lMaZFliMa	Ii1,1Ma∕FliMa	FMi,xN
Balc4: 30F2 85	3 19218	~ ., ,	Cigr 5 mly	111011111			
A0Ff5fUN/G	Cxla	-f6-AzGlUfD	fUzf-zl0bUff	fUxfUx10 bf:00	-li6bcz-j L	-cz-j L	f160
AOFf5fUN#5	Cxla	-f6-AzGlUfD	fUxf-zl0bUf-	fUxfUxl0 bf:00	-h-0cz-j L	-cz-j L	flaf
			PdccduLDcyt d	fr 4L			
Podg: Wila. Sh.fsn (D	oyt dfr4L) - 3	3233			CMyIsáT	DTo M a,	RL PNIs
LMp 4 rj pTN	S MNg	S T,2xy	CNjisaTy	PNIs MNIy	Ii 1,1MaZFli Ma	Ii l,lMa2Fli Ma	FMi,xN
Balc4: 30F2l 80	Cela	EPA OfffD	tire Moritee	ettettiotes.i			A A
A0Ff5fUNNG	Cxla Cxla	EPA GITTD EPA GITTD	fUxf-zl0bUff fUxf-zl0bUf-	f Uzf Uzl 0 b5:1- f Uzf Uzl 0 b5:1-			4 A 4 A

AsTg LMpxNMxNTt

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BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3fin,: RMcLean Wilsonville
PNx3fin, 4 r j pTN IDC01DEC.24UC
PNx3fin, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-26 RTtra, oxNDITtTa(DITtTaRMicTON/Milntuv b1W bG) lt yrT,x xeTNM oN; HMxaliTxNMHMxaliTRMicTsNxyrn,h
M-04 DrT,x j NNg li,TNoNNinTu,2lt MiMan,TnMix, pTMinrNMTanQrMi,ldTyh92TNsxNJY Ntra,j Minxi,Mir M2lc2 plMth

V-15 CŊſ saʿTMdQrx, wMd trptŊſ saʿIyoNtj ,2TtŊſ saʿTnxi,MliTNli ,2TaŊoxNMcNhh92TtrptŊſ saʿIy MdQrx, wMd s NltTNcʾTy li ,2TaŊoxNMcNhwl,2li

0G2xrN xotNJ salich

AsTg LMpxMxNTt

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PNx3fin, 4 r j pTN IDC01DEC.24UC
PNx3fin. S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DE9 Ai Man, TDE9 Ev 9 ED M, xNM, xeT, 2TyT, Tn, 1xi xNN s xNIi c alj 1, h

4D Ai Man, T4 O9 DE9 Ev 9 ED MxNNn fixe T, 2TyT, Tn, lxi xNNs xNli c alj l, h

4 R RTtr a, 4 x, RTs xNTyh

RPD RTayleTPThiTi, DlooTNi nTh RPDt oxNS MNg Cs1/Tt Miy S MNg Cs1/TDrsahMft MT pMTy xi nxi nTi, MMxi ui x, NinxeThith

Detection Limits: Limit of Detection (LOD)

Llj l,t xoDT,Tn,lxi (LODt) MTixNj MamtT, M,MaTeTaxoxiT2Mo,2TeMayMTyLlj l, xoqrMi,l,M,xi (LOq)h Ioix eMarTlt alt,Ty ('WWW,u,2Ti ,2TyM,M2Mtix, pTli TeMarMTy pTaxw ,2TRTsxNlicLlj l,h

Reporting Limits: Limit of Quantitation (LOQ)

 $VM_1yM_1yM_1yM_1yM_1x_1(LOqt)\ MTN_3xN_1yM_1,2TRT_3xN_1icLlj\ 1,t\ oxNMaMiMantTt\ w2TN_2TLOquS\ RLuPqLxNwRLMTNQTt,Tyh92TLOqN_5N_1ti,t\ MaieTaM_xNMpxeT,2Taxwsxli,xo,2TnMapNM_1xinrNeTu,2M_2M_1pTiieMayMfyManxNeticxAsTgLMpxNMxNTt'nxjsN2TitleTLOqsxalnlTtMysNntnTrNth$

Reporting Conventions:

BMILL: RTtrat oxNtxlatMLsaft MTcTi TMamNsxNTy xi Moff% yNnwTlc2, pMIlth

92T RTtra, BMtlt lt alt, Ty oxaaxwli c ,2Tril,t Mt " yNddu" wT, "uxN" " (paMi/) yTtlci Mixi h

"yNhi" CNji saTNtrajt Miy RTsxNii c Llj 1,t MNTNsxNTy xi MyNhwTlc2, pMllth(lhilh"rcz/c yNhi")

CTT PTNnTi, Cxalyt tTn,lxi oxNyT,Mfat xoyNnwTlc2, MilMant1th

"wT," CNjísaTNtra,t Miy RTsxNjic Llj I,t oxN,2lt MiMantlt MNTixNj MamyNnwTlc2, nxNNin,Tyupr, 2MsTix, pTli j xyldTy li ,2lt nMTh

"___" RTtr at wl,2xr, 'wT,' xNyNih yTtlci Mxi MT i x, i xNj MamyNinwTlc2, nxNTn,Tyh92TtTNtr at MT nxi tlyTNY 'At RTnTleTy'h

QC Source:

Ii nMtTt w2TNT,2TNTIt litrochnlTi, tMjt saTs NxelyTy ox NCMjt saT DrsahnMft MiyzxNS MNg Csl/TtuMLMjv xi, NxaCMjt saT DrsahnMf (Lv C Drs) j MnpT MiMam Ty, xyTj xit,NMft Monr NMomMiys Nhltlxi xo,2TTg,NMd,lxi pMn2h

4 xi WaTi, BMn2 qv CMisaît (DrsalnMît Miy S MNg Csl/TzDrsalnMît) MNix, li naryTy li ,2lt NisxNhPaîlMfTNQrTt, MFraaqv NisxNy lo,2lt yMMt NQrlNyh

Miscellaneous Notes:

"WW qv Ntrat MNTix, Masaln Mpfallh FxNTgNja safu% RTinxeTNTt oxNBaNi/t Nily Drsaln Mitu% RPD oxNBaNi/tuBaNi/Csl/Tt Nily S Ming Csl/TtuT,nh

"***" dtTy,x liylnMTMsxttlpáTyltnNsM1nmwl,2,2TCMj sáTMjy CNji sáTDrsalnMTNtrat w2Ti,2T%RPD lt ix, MsMaNjáTh li,2lt nMTu TI,2TN,2TCMj sáTxN,2TCMj sáTDrsalnMT2Mj MNsxNMjáTNtra, oxN,2lt MjManjTuw2láT,2Tx,2TNlt 4 xi DT,Tn, (4 D)h

Blanks:

C,MiyMys NMi,InTit, x TeMarMT,2TNtratonkij BaMi/qv CNjisaiItyxwi, x MaieTaTQrMi,x xiT2Moxo,2TRTsxNiicLij I, (RL)h BaMi/NtratoxNcNMij T,Nin MiMantTt MNTTeMarMTy, x,2TRTsxNiicLTeTauix, ,x 2Moxo,2TRTsxNiicLTeTah WFxNBaMi/21,toMaiicpT,wTii $\frac{1}{2}$,2TRL Miy,2TRL (JoanaicTy 21,t)u,2TMtxnlMiytMjt tyjisaiTMiyqv yMMwlaaNnTleTMfBWTl^QrMaldTNisWxNBaMi/21,t MpxeT,2TRLu,2TMtxnlMiyt tyjisaiTMiyqv yMMwlaaNnTleTMfBYCMaldTNisTNAsTgLMpxNMxNTit'BaWi/Pxalnmh

AsTg LMpxMxNTt

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PNx3In, 4 r j pTN IDC01DEC.24UC
PNx3In, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

CMJ saTNtrat caMcCTy wl,2 MB'xNBW1'Q'MddTNMTsx,Ti,lMamplMTY2lc2 lo,2TtMJ saTNtrat MTaitt,2MJ,Ti,lj Tt,2TaieTaoxriy li,2TpaMJ/oxNxiMIn MIMantTtuxNaitt,2MJ deT,lj Tt,2TaieTaoxriy li,2TpaMJ/oxNxiMIn MIMantTtuxNaitt,2MJ deT,lj Tt,2TaieTaoxriy li,2TpaMJ/oxNxNiMIn MIMantTth

'B'MJy 'BW1'Q'MddnMJxit MTxiamMsadTy,xtMJ saTNtrat yT,Ti,Ty MyxeT,2TRTsxNJic LTeTah

Preparation Notes:

S 1gTy S MNg CM salt:

8 MINCMI salt:

8 MINtNJ saft nxi, Mailic tleildnM, Mj xri, txotTylj Ti, MTyTnM, TyxNtTsMM, TyxNtTsMM, TyxNtTsMM, lxiuMjyxiam, 2TwM, IxiuMjyxiam, 2TwM, 2Tw

CxlaMy CTylj Ti, CM salt:

Cxla Miy CTylj Ti, tyjl saft nxi, Milic tleildn Mi, Mixri, txow MINMTyTn Mi, Tyshkn, x Tg, Mul, lxiu Miyxiam, 2T txaly sxn, lxi MiMam Tyuria itt x, 2T Nvlt Tyln in, Typm, 2T nd Ti, h

Sampling and Preservation Notes:

DMMrtTNit2xray pT MwMnTxow2ln2 NoraMixitsTNMix, x,2TtMjisalit,2Tmtrpjl, oxN,Tt,lichIoNaMiyttMjisalinxaalin,lxi Mi,lel,lTt MnTix, MisnxeTyoxNMs MylnraNnNoraMxnnis NxcNMjiuNtratt2xray pT nxitlyTNy Tt,lj MithAsTg LMpxNMxnNTt wlaaQrMdom,2TtTMiMam;Tt ManxNylic, x,2Tjxt,t,NicTi,NQrlNjiTi,tu2xwTeTNNTtratoxNtMjsalit,2MMnToxNixiWTcraMxnNnsrNxtTtj ManyTManTs,Mpalh

CNJI saft ,2M,2M3TpTTi da;TNy Miy sNtTNoTy M.AsTg LMpxNMxNTt sTNnaTi , NQ:Tt, MNTalt,Ty li ,2TsNsMMxlxi tTin,lxi xo,2TNsxN;wl,2 ,2TyMT Miy ,li Txoda,NMxi alt,Tyh

As Tg LMoxNMxNTI j Mi, Mit yT, Maily NinxNyt xi tMj saï NinTls, ulinarylic nalTi, aMyTae TNonMxi unxxaîN, Tj s TNMr Niut Mj saï s Nìt TNè Mixi u2xay . Ij Tnxj salMinT Niv dTav da NMxi hDMMt Qr MadTy Mj i TnTtt MainuNiy ,2 TaMy xo Qr MadnMxi li ylnMīt nxj salMinT wl,2 NiQr lNiv s Main T. Tnih

AsTg LMpxMxNTt

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 4 r j pTN IDC01DEC.24UC
PNx3In, S MMxTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) EPA ID: OR01039

Aaaj T,2xyt Miy MiMamTt NisxNTy oʻnij wxN s ThoxNj Ty M.As Tg LMpxNMxNTt MNT li nar yTy xi As Tg LMpxNMxNTt 'ORELAP Cnxs T xo v TNJldnMlxi uwl,2,2T TgnTs,lxi xo MimMiMamT(t) alt,Ty pTaxw:

Apex Laboratories

S MNg Ai Mantlt 94 I_ID Ai Mant 94 I_ID AnnNyl,Mxi

<u>Aæn Nis x Ni Ty Mi Mam Tt Mi Ti nar y Ty li As Tg L Max Ni Mx Ni Tt' nr Ni Ti , ORELAP t nxs Th</u>

Secondary Accreditations

As Tg LMpx MxNTt Matx j Mli, Mlit Nihls Nxn Munn Nyl, Mlxi wl, 2 ixi W 4 It, MIt (8 M12 lic, xi DOE) uMf w Taa Mf x, 2 TNt, MT ts Thlohn Munn Nyl, Mlxit ix, alt, Ty 2 TN h

Subcontract Laboratory Accreditations

Cr pnxi ,NMi, Ty yMMoMat xr ,t lyTxoAs Tg LMpxNMxNTt' CnxsTxoAnnNyl,Mlxi h PaIMtTtTT,2TCr pnxi ,NMi, LMpxNMxNnNsxN, oxNor aay T,MatuxNnxi ,Mi, mxr NPNx3Tn, S MiMtTNoxNj xNT li oxNj Mlxi h

Field Testing Parameters

RTtratoxNFlTay 9Tt,TyyMMMTsNteyTypm,2TnalTi,xNtMjsaflNuMjyoMaxr,tlyTxoAsTgLMpxNMxNTt'CnxsTxoAnnNYl,Mlxih

AsTg LMpxMxNTt

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

PMtTb7 xo1f



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3Ih,: R McLean Wilsonville
PNx3Ih, 4 r j pTN IDC01DEC.24UC
PNx3Ih, S MMTN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

Company: BB&A Environmental		1223z 3.W. Garaen Flace, 11gara, OK 9/223 Fn. 303-/16-2325 Fax: 303-/16-0333	n-01/-0	533												
	Project Mgr:	Steve	Steve Omo				Project	Name:	R Mc	Lean 1	Project Name: R McLean Wilsonville			Project# IDC01DEC,24UC	EC.24UC	0.
Address: 25195 SW Parkway Ave. #207, Wilsonville, 0R 97070					Phone:	503-5	503-570-9484		Fax			Email:	÷	smome@bbaenv.com		
Sampled by: Steve Omo										ANA	ANALYSIS REQUEST	EST				
Site Location: WA OR		EKZ)C ²						N!' K' ' bp '' Cq					
Other:		NIAT			ол и					2005	3a, Be u, Fe, Mo, l		S			
AG ID#	IME	VATRIX	H-H4TW1	O-HATWN	1EX + N	olsH 092	320 AOC	087 PCBs	:081 Cplot	SCRA Met	Priority Me 11, Sb, As, E 21, Co, C 21, Mg, Mn, 21, Ag, Ma, T	CLP Meta	700-COF	Z-00Z		7
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	\vdash	8	×							-						
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IDC01 - i3 - DN-3*	9:35	5 3	X							_						
IDC01 - [3 - DS-3' 6/4/2024	9:30	S S	×													
IDC01 11 - DN -2.5' 6/4/2024	10:55	es S	×													
IDC01 - E Elbow PL-2' 6/4/2024	8:40	es es	×													
IDC01 - PL-3/4N-2' 6/4/2024	11:25	e S	X	-	1		\dashv			\dashv						
IDC01 PL-3/4M-2' 6/4/2024	11:30	e S	×		\dashv		+		J							
IDC01 - PL-2/3-3' 6/4/2024	11:15	es es	×		7				J	\dashv						
IDC01 - PL-1/2-2.5' SYSSES SH2024	11:10	S .	록,		-	100	Oromorphic Library			\dashv_{j}						
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4 DAY	5 DAY	Other:	Ë		ĺ))	ĺ			
SAMPLES ARE HELD FOR 30 DAYS	R 30 DAYS	-1														
REMOGNISHED BY: Signalin AM 61612024	S. S.	RECEIVED BY	BY:	12	77/7	RELINQ Signature:	RELINQUISHED BY: Signature:	ED BY:			Date:			RECEIVED BY: Signature:	ED BY:	
ped Name.	Pi.	Printed Mamo	(#Z	th	25	Printec	Printed Name:				Time:			Printed Name	me:	
Company: BB&A ENVIRONMENTAL	ů	Company:	1	200		Company:	any:							Company		

AsTg LMpxNMxNTt



Apex Laboratories, LLC

6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 2 rj pTN IDC01DEC.24UC

PN:3In, S MIM:TN Steve Omo

Report ID: A4F0906 - 06 11 24 1216

12232 S.W. Garden Place, Tigard, OR 97223 Ph. 503-718-2323 Fax: 503-718-0333	97223	Ph: 505	3-718-232	3 Fax.	. 202-7	18-03	33															
Company: BB&A Environmental			Project Mgr:		Steve Omo	om				P	ject Na	me: I	Net.	can W	Project Name: R McLean Wilsonville			Proje	Project# IDC01DEC.24UC	3C.24UC		
Address: 25195 SW Parkway Ave, #207. Wilsonville, OR 97070	onville,	OR 97070						Phone:		503-570-9484	9484		Fax:			En	Email:	S	smomo@bbaenv.com			
Sampled by: Steve Omo							>							ANAL	ANALYSIS REQUEST	UEST						
Site Location: WA Other:					VINERS										ia, Be, Cd u, Fe, Pb Mo, Ni, K,	9Z 'A 'I						
SAMPLE ID	# CI EV T	DATE	TIME	MATRIX	# OE COM	H-H9TWN G-H9TWN	D-H4TWN	BLEX + N	8260 RBDN	8260 VOCs 8260 Halo v	4 MIS 0728	8085 bCB ²	8081 Chlor.	Priority Met	Priority Mei Al, Sb, As, B Ca, Cr, Co, C Hg, Mg, Mn,	Sc, Ag, Na, T TCLP Meta	1500- COF	Z-0071				
IDC01 - E20K - M - 15'	-	6/4/2024	17:00	တ	3	×	ļ			_				-		_	L				-	-
IDC01 - E20K - S - 13.5'		6/4/2024	17:15	S	8	×	ļ			_				-							H	H
IDC01 - 4K - N - 11'		6/5/2024	15:40	S	6	×			\dashv				\dashv									
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A ~ Sowb/th (24)	4 DAY		48 HR 5 DAY	0	72 HR Other	ludo	E .		<u> </u>		Ш			3	EMAIL DRAFT RESULTS	ESC	ement.	S				
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Signature: Date of the Color of	Date: 6/6/2024			RECEI Signatur	RECEIVED BY: Signature:	12	1,	115	Si B	RELINQU Signature:	RELINQUISHED BY: Signature:	BY:			Date:				RECEIVED BY: Signature:	D BY:		
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Company: BB&A ENVIRONMENTAL				Company:	zá.	1	2	,	ŏ	Contpany:								ė	Company:			

AsTg LMpxNMxNTt



Apex Laboratories, LLC

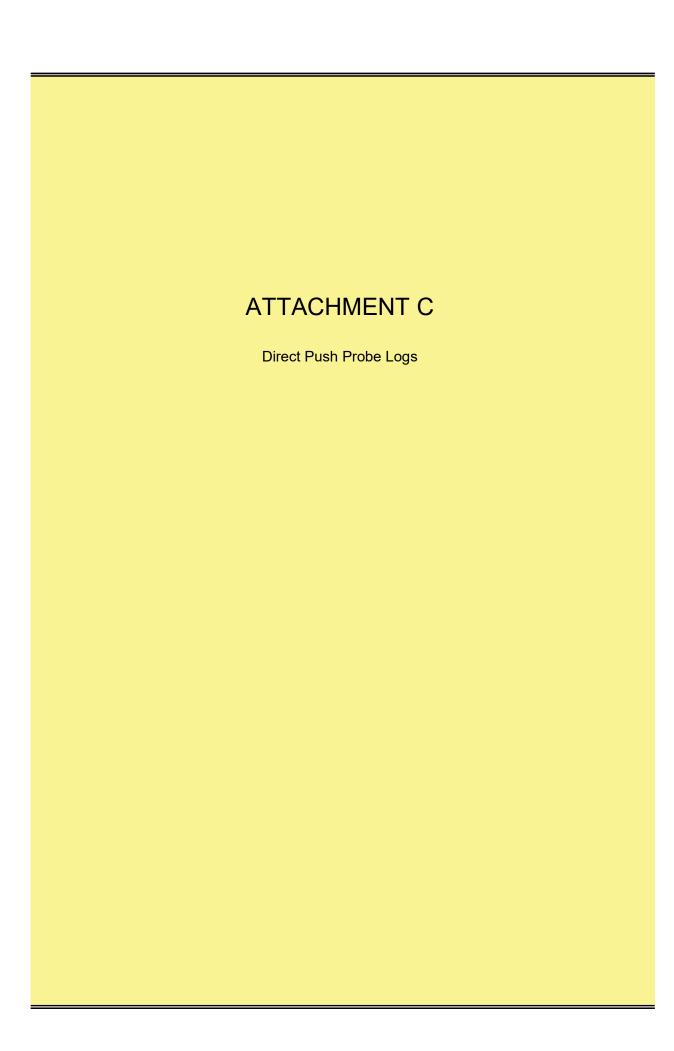
6700 S.W. Sandburg Street Tigard, OR 97223 503-718-2323 ORELAP ID: OR100062

BB&A Environmental - Wilsonville 25195 SW Parkway Ave, Suite #207 Wilsonville, OR 97070 PNx3In, 4 r j pTN | RMcLean Wilsonville
PNx3In, 4 r j pTN | IDC01DEC.24UC
PNx3In, S MIMTN | Steve Omo

Report ID: A4F0906 - 06 11 24 1216

	APEX LABS COOLER RECEIPT FORM
Client: BB=A	Element WO#: A4_F0406
400	R. McLean Wilmville 1000DEC. 244C
	The contract of the contract o
Delivery Info:	1.12.1 - 500 TS
Date/time received: L	
Delivered by: ApexC	
From USDA Regulated	
	Date/time inspected: 44 @ 803 By: J5
Chain of Custody include	
Signed/dated by client?	
Contains USDA Reg. S	Maille - Committee Goods)
	Cooler #1 Cooler #2 Cooler #3 Cooler #4 Cooler #5 Cooler #6 Cooler #7
Temperature (°C)	31
Custody seals? (Y/N)	
Received on ice? (Y/N)	<u> </u>
Temp. blanks? (Y/N)	
Icc typc: (Gcl/Real/Othe	er) <u>Gel</u>
Condition (In/Out):	<u> </u>
Out of temperature samp Sample Inspection: D	tof temperature samples? Yes/No ples form initiated? Yes/No pate/time inspected:i/_ /i/_ @ // By: // // W
Bottle labels/COCs agree	e? Yes_ No & Comments: Don IDCOI-4K-N-11 reads Louts, Loc words 6/5/24. Don IDCOI-4K-5-11'42M.
COC/container discrepan	ncies form initiated? Yes No Y
Containers/volumes recei	ived appropriate for analysis? Yes X No Comments:
	19/2 616
Comments	le headspace? Yes No NA X
Water samples: pH check	red: YesNoNApH appropriate? YesNoNApH ID:
Tommout.	
Comments:	
onunents:	
abeled by:	Witness: Cooler Inspected by:
	Witness: Cooler Inspected by: From Y-003 R-02

AsTg LMpxNMxNTt



PROBE LOG	PKU	JBE	: LC)G
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PROBE NO.:	DP-1
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 10'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
DEPTH (feet) - 0 5 10 - 15 20	DP1-I2-DN-8.5'	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	H ₂ O LEVEL	- Silty CLAY (CL): brown, with occasional gravel, slightly plastic, firm, no petroleum odor or staining	LITHOLOGY	DEPTH (feet) 0	PROBE ABANDONMENT
						25	

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BLS Below Land Surface

NOTES:



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PROBE NO.:	DP-2
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 10'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
r		0.0		- GRAVEL (GP): pea gravel	0505050505050	٥ ـ	
ll-		0.0				-	
Ⅱ⊦		0.0				-	
IJ⊦		0.0				-	
∐⊦		0.0				-	
 5		0.0				— 5	
Ⅱ⊦		0.0				-	
IJ⊦		0.0				-	
	DP2-I2-DS-8.5'	0.0		- Silty CLAY (CL): brown, with occasional gravel		-	
Ⅱ⊦		0.0		— Silty CLAY (CL): brown, with occasional gravel, slightly plastic, firm, no petroleum odor or		-	
10		0.0		staining		10	
Ⅱ						-	
						-	
						-	
- 15					1	15	
						20	
						25	
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BLS Below Land Surface

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PROBE NO.:	DP-3
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 5'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
DEPTH (feet) - 0 5 10 - 15 15 15	DP3-PL Trench-3'	0.0 0.0 0.0 0.0 0.0 0.0	H₂O LEVEL	LITHOLOGIC DESCRIPTION - GRAVEL (GP): pea gravel - Silty CLAY (CL): brown, slightly plastic, firm, no petroleum odor or staining	LITHOLOGY	DEPTH (feet) - 0 5 10 15	PROBE ABANDONMENT
- 20 25						- 20 - - - - - 25	

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BLS Below Land Surface

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PROBE NO.:	DP-4
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 18'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION <u>AND</u> LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
-		0.0 0.0 0.0		- GRAVEL (GM): fill, 3/4"-, silty		0	
- - - 5		0.0 0.0 0.0		- GRAVEL (GP): pea gravel		- - - 5	
-		0.0				- -	
		0.0 0.0 0.0				- - - 10	
-		0.0 0.0 0.0				- - -	
_ 15	DP4-E20K-N-13.5'-14'	0.0 0.0 0.0		— CLAY (CL) brown & gray, silty, slightly plastic, firm, occasional gravel, no petroleum odor or staining, no groundwater		_ 15	
		0.0				-	
_ 20						- - 20	
						-	
25						25	

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BLS Below Land Surface

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PROBE NO.:	DP-5
PROJECT CODE:	IDC01DEC.24UC
CADD FILE:	IDC01-L.DWG
PROJECT:	INTERSTATE DISTRIBUTION CO.,
LOCATION:	10110 RIDDLER ROAD
	WILSONVILLE, OREGON

TOTAL DEPTH: 18'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
DEPTH (feet) 0	DP5-W20K-N-13.5'-14'	PID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	H ₂ O LEVEL	- CLAY (CL) brown & gray, silty, slightly plastic, firm, occasional gravel, no petroleum odor or staining, no groundwater.	LITHOLOGY		
- 20 - - - - 25						- 20 - - - - - 25	

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BLS Below Land Surface

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PROBE NO.: DP-6
PROJECT CODE: IDC01DEC.24UC

CADD FILE: IDC01-L.DWG
PROJECT: INTERSTATE DISTRIBUTION CO.,
LOCATION: 10110 RIDDLER ROAD
WILSONVILLE, OREGON

TOTAL DEPTH: 18'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

DEPTH (feet)	SAMPLE IDENTIFICATION <u>AND</u> LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
 -°		0.0		- GRAVEL (GM): fill, 3/4"-, silty	aaaa	L°	
-		0.0				-	
∐ -		0.0				-	
╟		0.0				<u> </u>	
╟		0.0		- GRAVEL (GP): pea gravel		-	
 - 5		0.0				– 5	
╟		0.0				-	
IJŀ		0.0			000000	-	
╟		0.0				-	
╟		0.0				-	
10		0.0				<u> </u>	
╟		0.0				-	
		0.0				-	
	DP6-W20K-M-13.5'-14'	0.0		– CLAY (CL) brown & gray, silty, slightly plastic.		-	
		0.2		 CLAY (CL) brown & gray, silty, slightly plastic, firm, occasional gravel, no petroleum odor or staining, no groundwater 		<u> </u>	
- 15		0.0		stanning, no groundwater		15	
		0.0			====	-	
		0.0				-	
		0.0				<u> </u>	
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BLS Below Land Surface

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PROBE NO.: DP-7
PROJECT CODE: IDC01DEC.24UC

CADD FILE: IDC01-L.DWG
PROJECT: INTERSTATE DISTRIBUTION CO.,
LOCATION: 10110 RIDDLER ROAD
WILSONVILLE, OREGON

TOTAL DEPTH: 20'

SURFACE ELEVATION: PROBING METHOD: MACRO CORE

PROBED BY: BB&A ENVIRONMENTAL

LOGGED BY: STEPHEN OMO

DATE COMPLETED: 06/10/24

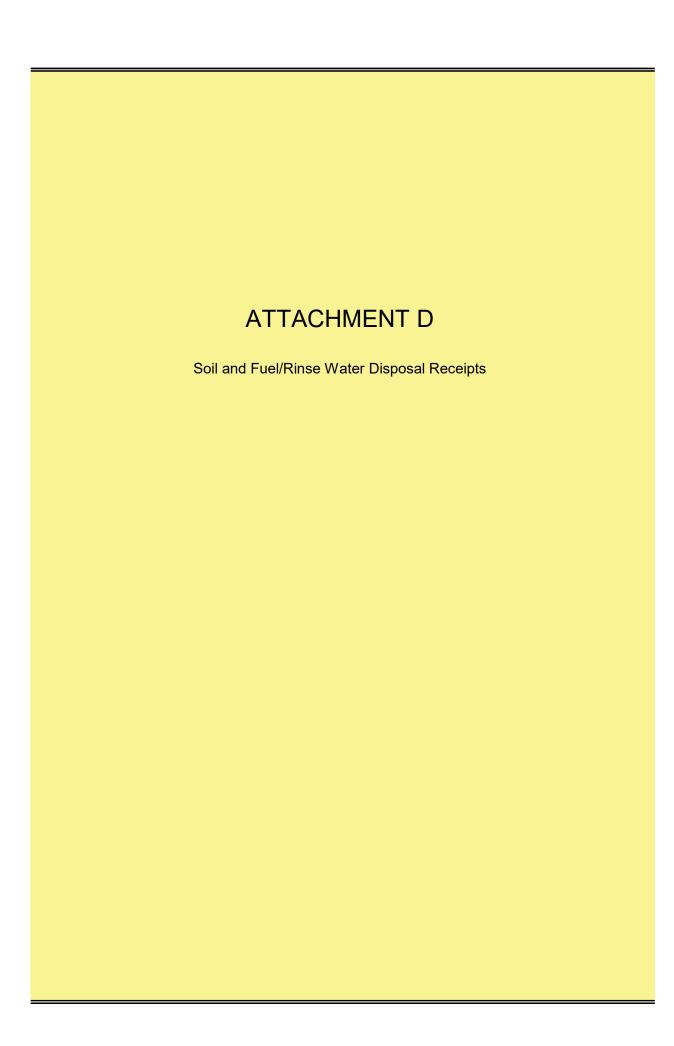
DEPTH (feet)	SAMPLE IDENTIFICATION AND LAB RESULTS	PID	H₂0 LEVEL	LITHOLOGIC DESCRIPTION	LITHOLOGY	DEPTH (feet)	PROBE ABANDONMENT
F ∘		0.0		- GRAVEL (GM): fill, 3/4"-, silty	aaaa		
╟		0.0				. -	
-		0.0				-	
-		0.0				-	
-		0.0		- GRAVEL (GP): pea gravel		-	
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 ⊢ 10		0.0				<u> </u>	
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╟	 DP7-W20K-S-13.5'-14'	0.0 4.7 0.0		- CLAY (CL) gray grades into brown slightly		-	
				- CLAY (CL) gray, grades into brown, slightly plastic, firm, occasional gravel, slight fuel odor		-	
- 15		0.0				15	
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- 20		0.0				20	
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L	E	G	E	Ν	ט
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BLS Below Land Surface

NOTES:





A	NON-HAZARDOUS	1. Generator TD Number	2. Page 1 c		ency Response	Phone		racking Nun	nber		
	WASTE MANIFEST	BOT REGURED	1		77-5691	27 PM 111		37420			
	5. Generator's Name and Mailin	GADDER PEAR ELL TOTTO SWATCHER ROAD VMLSCHALLE STA 97170					nan mailing addr		8		
4		570 9484					3.7				
Ш	6. Transporter 1 Company Name						U.S. EPA ID	Number			
4		TAMMET, ENGROPMENTAL INC.							AH0000234	DE .	
	7. Transporter 2 Company Name	e					U.S. EPA ID	Number			
	Designated Facility Name and	Site Address OF PETRIBO CON STORM SINTE FEMALE FOR HOUSE OR STOR					U.S. EPA ID		o(50(847) ti	125	
	Facility's Phone:	1362		r							
	9. Waste Shipping Name	and Description			10. Conta	iners Type	11. Total Quantity	12. Unit Wt./Vol.			
OR I	MATERIAL E	OF REGULATED (1) LOT (OILY WATE)	6)		200		265			No.	
GENERATOR		l .	·	-	661	TY	1000	C.			
GEN	2.										
		2									
	3.								N		
	4.	e								*	
							Pi				
	13. Special Handling Instructions	s and Additional Information									
	a musikasika kerolegi	ACTUAL DESCRIPTION OF STATE OF						L 8			
	14 GENERATOR'S/OFFEROR'	S CERTIFICATION: I hereby declare that the contents of	this consignment	are fully and	accuratoly dos	eribod abovo	by the proper ch	inning name	and are classifi		and
	marked and labeled/placarde Generator's/Offeror's Printed/Typ	ed, and are in all respects in proper condition for transport	according to appl	licable interna	ational and nati	onal governm	ental regulations	,			
V	Generator s/Oneror s Printed/Typ	ped Name	5	ignature	.~				Month	Day	Year
INT'L	15. International Shipments	Import to U.S.	Export from	ı U.S.	Port of en	try/exit:					
-	Transporter Signature (for export				Date leav	ing U.S.:			***		
臣	16. Transporter Acknowledgmen Transporter 1 Printed/Typed Nar			ignature					Month	Day	Year
ő	Transporter 1 Trinear Typea mai		-	ngnature		2 1			WORTH	Day	7:
SS	Transporter 2 Printed/Typed Nar	me	S	ignature	- 10	+ +	*		Month	Day	Year
TRANSPORTER	, , , , , , , , , , , , , , , , , , , ,		1	·9·····						'	
A	17. Discrepancy		I			-				1	
	17a. Discrepancy Indication Spa	ce Quantity Type			Residue		Partial Rej	ection		Full Reject	tion
		o. ₹		Manife	est Reference N	lumber:					
ΣĖ	17b. Alternate Facility (or General	ator)					U.S. EPA ID	Number			
FACILITY	Facility's Phone:						1				
TED	17c. Signature of Alternate Facili	ty (or Generator)							Month	Day	Year
DESIGNATED	F1-1/42-812-V-24			Sustina	HI SHE						XXXX I
- DE											
	18. Designated Facility Owner or	Operator: Certification of receipt of materials covered by	the manifest exce	ept as noted i	n Item 17a				CON THE		4, 14, 16, 16
	Printed/Typed Name			ignature					Month	Day	Year
V									1 .	1	



Hauling Ticket#

State Waste Code

Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Reprint Ticket# 1721862

' Volume

Customer Name BB AND A ENVIRONMENTAL BB&A E Carrier BB AND A Ticket Date 06/19/2024 Vehicle# JUSTIN Ticket Date 06/19/2024
Payment Type Credit Account
Manual Ticket#

Container Driver Check#

Billing # 0005113 Gen EPA ID 7506

Manifest Destination Grid

PO

Route

Profile

1428770R (DIESEL FUEL/FUEL OIL CONTAMINATED SOIL)

RIDDER ROAD-10110 RIDDER ROAD LLC 10110 SW RIDDER RD WILSONVILLE Generator

Time Scale Operator Inbound Gross 22620 lb In 06/19/2024 11:07:16 Inbound 1 KSURRATT Tare 13100 lb Out 06/19/2024 11:32:44 Outbound LGILLILA Net 9520 lb Tons 4.76

Comments

Consumer Comments? We want to know. Please call.

Product		Qty	Rate		
1 Cont Soil Pet-RGC- EVC-Energy/Adminis	100	4.76			CLACK-OUT CLACK-OUT

Total Tax Total Ticket

Driver`s Signature



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Reprint Ticket# 1721907

Volume

Customer Name BB AND A ENVIRONMENTAL BB&A E Carrier BB AND A Ticket Date 06/19/2024 Vehicle# JUSTIN Ticket Date 06/19/2024 Payment Type Credit Account Manual Ticket# Container Driver Hauling Ticket# Check# Billing # 0005113 Gen EPA ID 7506 Route State Waste Code Manifest NA

Grid

PO

Destination

PO Profile 142877OR (DIESEL FUEL/FUEL OIL CONTAMINATED SOIL) Generator RIDDER ROAD-10110 RIDDER ROAD LLC 10110 SW RIDDER RD WILSONVILLE

Scale Operator Inbound Gross 24700 lb In 06/19/2024 13:42:50 Inbound 2 mmalone2 Out 06/19/2024 14:00:08 Outbound LGILLILA Tare 13080 lb Net 11620 lb Tons 5.81

Comments

Consumer Comments? We want to know. Please call.

Pro	oduct	LDE	Qty	NOU	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVC-Energy/Adminis			Tons			~ * *	CLACK-OUT CLACK-OUT

Total Tax Total Ticket

Driver's Signature



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Reprint Ticket# 1721925

Customer Name BB AND A ENVIRONMENTAL BB&A E Carrier BB AND A Ticket Date 06/19/2024 Vehicle# JUSTIN

Ticket Date 06/19/2024
Payment Type Credit Account
Manual Ticket#

Container Driver

Check#

\ Volume

Hauling Ticket# Route

State Waste Code Manifest NA

Billing # 0005113 Gen EPA ID 7506

Destination PO

Profile 142877OR (DIESEL FUEL/FUEL OIL CONTAMINATED SOIL)
Generator RIDDER ROAD-10110 RIDDER ROAD LLC 10110 SW RIDDER RD WILSONVILLE

Scale

Operator

Inbound Gross Tare

19020 lb 13020 lb

In 06/19/2024 15:46:19 Inbound 1 KSURRATT Out 06/19/2024 15:59:25 Cutbound cduneven

Net Tons 6000 lb

3.00

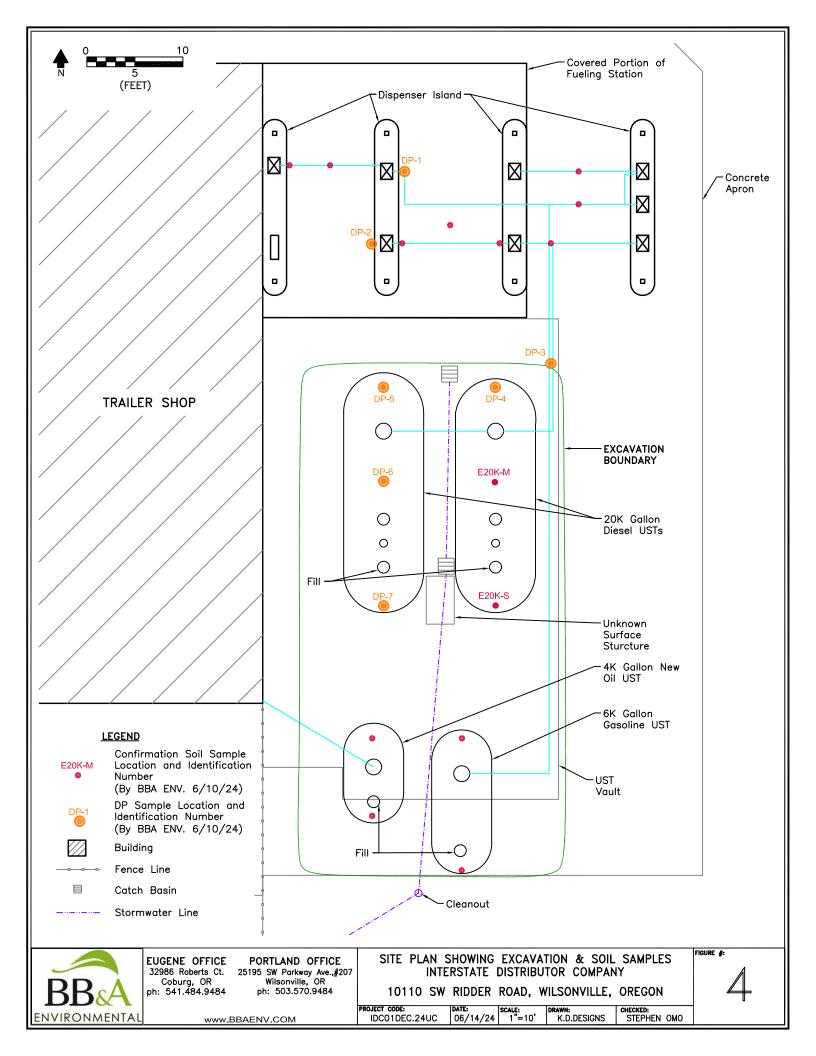
Comments

Consumer Comments? We want to know. Please call.

Product UOM LD% Qty Rate Tax Amount Origin -----Cont Scil Pet-RGC- 100 3.00 Tons CLACK-GUT EVC-Energy/Adminis 100 CLACK-CUT

Total Tax Total Ticket

Driver's Signature



 From:
 smomo@bbaenv.com

 To:
 PARDUE Dave * DEQ

Subject: Update: 10110 SW Ridder Rd Wilsonville UST Decomm

Date: Friday, June 14, 2024 11:14:06 AM

Attachments: <u>image001.jpg</u>

IDC01- DEC-SP w SS (1).pdf

You don't often get email from smomo@bbaenv.com. Learn why this is important

Good morning, Dave,

Below is an update on the UST System decommissioning project at 10110 SW Ridder Road, in Wilsonville (see attached Figure).

- On Monday, June 3rd, the fuel dispensers were removed, and the product lines were pumped out and rinsed with water. The concrete above the product lines and USTs was removed. Soil samples were collected beneath each of the dispensers and product lines except for the two (2) dispensers on Island #2, due to an extensive amount of pea gravel beneath this area (these dispensers were sampled later using a Geoprobe drill rig). No contamination was noted beneath any of the dispensers or product lines.
- The four (4) USTs were decommissioned by removal on Tuesday and Wednesday, June 4th and 5th. The USTs were crushed and removed from the excavation and placed in a roll-off dumpster for offsite disposal at the landfill as solid waste.
- During removal of the two (2) 20,000-gallon diesel USTs, and beneath the unknown metal structure between the fill ports, the pea gravel was noted to have a fuel odor and low-level PID measurements were recorded. This soil was segregated and placed on, and covered with plastic. According to a long-time employee familiar with the site, the metal structure was stormwater related. Two (2) composite soil samples were collected from the contaminated soil. The results are attached as COMP1 and COMP2, within which, oil-range Total Petroleum Hydrocarbons (TPH) was detected at 43.4 parts per million (ppm), gasoline-range TPH was detected at 35 ppm, ethylbenzene was detected at 52.2 ppm, and xylenes detected at 490 ppm; benzene and toluene were not detected. We have obtained a soil disposal permit from the Waste Management Hillsboro landfill, and will be taking the contaminated soil to the landfill on Wed. June 19th.
- Soil contamination was noted beneath south and middle of the east 20k diesel UST as a thin band of contamination.
- Soil samples were collected beneath the middle and south end of the east 20,000-gallon diesel using the excavator bucket; although this process was difficult, due to the extent of pea gravel in the UST cavity. Soil samples were also collected beneath each end of the 4,000-gallon motor oil UST, and 6,000-gallon gasoline UST using the excavator bucket without issue.
- On June 10th, a Geoprobe track rig was used to sample soil beneath the fuel dispensers on island #2. Pea gravel was noted to extend to 8.5 feet below land surface (BLS), at which depth, soil samples were collected from the native soil beneath.
- The Geoprobe track rig was also used to collect soil samples from beneath the west 20k UST, and north end of the east 20k UST. Within the soil core from these locations, a very thin band (1"-2") of low-level contamination was noted in the bottom pea gravel and top

of the native soil in the probe advanced at the southern end of the West 20k UST. Soil samples were collected from the uppermost native soil. Groundwater was not encountered in the borings, one of which was advanced to 20 feet below land surface (BLS).

• The UST cavity was backfilled with 3/4" gravel, compacted, and paved yesterday (June 13).

All laboratory results are Draft, and/or still pending analysis. We will send in our decommissioning forms, reports, documentation, and lab results within 30 days. Stephen Omo, R.G.

Project Manager



503-570-9484 ext. 2 (office)

503-572-0082 (cell)

Email: smomo@bbaenv.com

BB&A ENVIRONMENTAL

Portland Office
25195 SW Parkway Ave., Suite 207
Wilsonville, OR 97070
Eugene Office
32986 Roberts Court
Coburg, OR 97408
Web address www.bbaenv.com

























































































































Department of Environmental Quality Northwest Region

700 NE Multnomah Street, Suite 600 Portland, OR 97232 (503) 229-5263 FAX (503) 229-6945 TTY 711

August 8, 2024

Rodney Mclean Ridder Rd LLC 54126 78th St Ct E Tacoma WA, 98443

> RE: UST Decommissioning Status 10110 SW Ridder Rd

DEQ UST Facility ID No. 07506

Dear Rodney Mclean:

The Department of Environmental Quality (DEQ) has received and reviewed underground storage tank (UST) documents for closure of four decommissioned USTs at facility #07506, located at 10110 SW Ridder Rd., in Wilsonville. The purpose of this letter is to document UST closure as required by Oregon Administrative Rule (OAR) 340-150-0168(10).

Based on DEQ review of the documents received, the work appears to have met the requirements of OAR 340-150-0168 for decommissioning by permanent closure. DEQ has changed the status of the tanks from active to closed, with a decommissioning date of June 3, 2024. DEQ file and database records show tank permits EECA, EECB, EECC, and EECD as inactive and decommissioned. The documents received are on file at the DEQ Northwest Region Office in Portland.

This letter is in no way related to any UST cleanup or other DEQ programs and is not intended to be a no further action letter for those purposes. The DEQ's determination will not be applicable if new or undisclosed facts show that the UST closure does not comply with the referenced rules.

As the Permittee you are required to maintain records of permanent closure, including the site assessment report and associated documents for three years after the permanent closure checklist and report have been reviewed by the DEQ. If the UST facility is sold within this time period, you must provide these records to the new property owner.

We appreciate your efforts to comply with the prescribed decommissioning rules for underground storage tanks. Should you have any questions, please feel free to contact me at 503-360-4287.

Sincerely,

Dave Pardue

Dave Pardue UST Program Coordinator